

HCD-D260/N250

SERVICE MANUAL

US Model
HCD-D260

Canadian Model

AEP Model

E Model

Australian Model

PX Model

HCD-N250



Photo : HCD-D260

HCD-D260 and HCD-N250 are the tuner, deck, CD and amplifier section in LBT-D260, LBT-N250 and LBT-N250P.

CD SECTION	Model Name Using Similer Mechanism	NEW
	CD Mechanism Type	CDM16Q1-5BD19
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213BA
TAPE DECK SECTION	Model Name Using Similer Mechanism	HCD-A190
	Tape Transport Mechanism Type	TCM-180VW-H14

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads, both channels driven, from 70 - 20,000 Hz; rated 50 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion from 250 milliwatts to rated output.

CD player section

System Compact disc digital audio system
Laser Semiconductor laser
Wavelength 780 - 790 nm

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range 87.5 - 108.0 MHz
Antenna FM wire antenna
Antenna terminals 75 ohm unbalanced
Intermediate frequency 10.7 MHz

— Continued on next page —

COMPACT DISC DECK RECEIVER
SONY®



AM tuner section

Tuning range

AM: 530 – 1,710 kHz (US, CND, AR, MX)
(with the AM tuning interval set at 10 kHz)
531 – 1,602 kHz (E, PX)
(with the AM tuning interval set at 9 kHz)
531–1,602 kHz (G, IT)
MW: 531–1,602 kHz (AEP)
LW: 153–279 kHz (AEP)
(with the LW tuning interval set at 3 kHz)

Antenna AM loop antenna
External antenna terminals

Intermediate frequency
450 kHz

Cassette deck section

Recording system
4-track 2-channel stereo

Frequency response
(DOLBY NR OFF)
40 – 13,000 Hz (± 3 dB), using SONY TYPE I cassette
40 – 14,000 Hz (± 3 dB), using SONY TYPE II cassette

Wow and flutter
0.1% (WRMS) (US, CND, Other)
 $\pm 0.2\%$ (DIN) (AEP, G, IT)

Amplifier section

Continuous RMS power output:
55 W + 55 W (6 ohms at 1 kHz,
5% THD) (US)
25 W + 25 W (6 ohms at 1 kHz,
5% THD) (CND, AEP, G, IT)
35 W + 35 W (6 ohms at 1 kHz,
5% THD) (Other)

Inputs

PHONO (phono jack) (Except AUS) :
Sensitivity 3 mV, impedance
47 kilohms

VIDEO (phono jack) (AUS only) :
Sensitivity 300 mV,
impedance 47 kilohms

General

Power requirements

120 V AC, 60 Hz (US, CND)
220–230 V AC, 50/60 Hz (AEP, G, IT)
120 V AC, 50/60 Hz (MX)
220–240 V AC, 50/60 Hz (AUS, AR)
110–120 V or 220–240 V AC
adjustable, 50/60 Hz (Other)

Power consumption

110 W (US)
70 W (CND, AEP, G, IT)
95 W (Other)

Dimensions

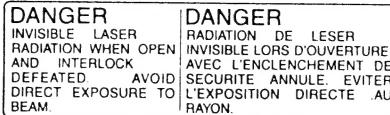
Approx. 355 x 425 x 405 mm
(14 x 16 3/4 x 16 inches) (w/h/d)
incl. projecting parts and controls

Mass Approx. 10.5 kg (23 lb 2 oz)

Design and specifications subject to change without notice.

Abbreviations

CND : Canadian model
G : German model
IT : Italian model
AUS : Australian model
MX : Mexican model
AR : Argentine model

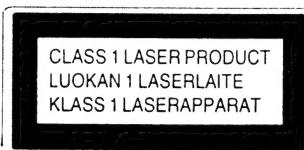


This caution label is located inside of the unit.

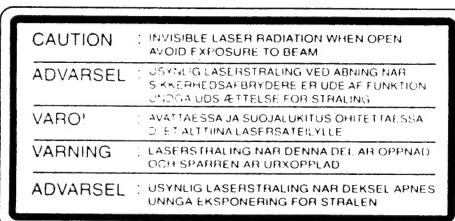
CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

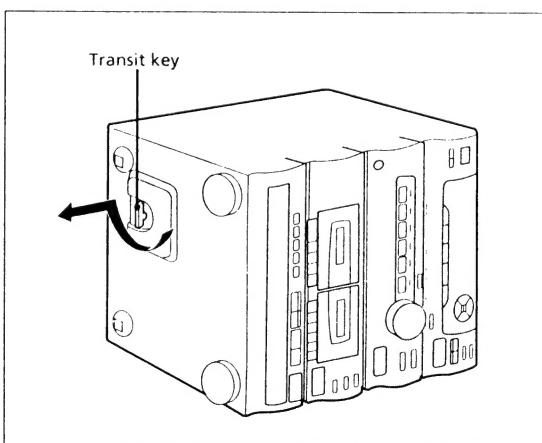


This caution label is located inside the unit.

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

Before operating the unit

Remove the transit key on the bottom of the unit by following the instructions on the label, and keep it in a safe place. The transit key protects the optical system against shock during transportation.



To re-install the transit key when transporting the unit

- 1 Remove all CDs.
- 2 Press  OPEN/CLOSE to close the disc tray and confirm that "OPEN" (or "OPEN...") has disappeared from the display.
- 3 Turn off the power.
- 4 Insert the transit key into its hole to lock.

Notes on chip component replacement

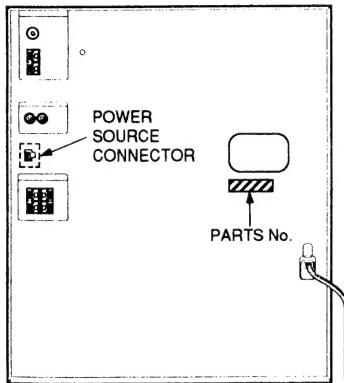
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

MODEL IDENTIFICATION

— BACK PANEL —



	PARTS NO	NOTE
US Model	4-969-782-0□	
Canadian Model	4-969-782-1□	
AEP 2 Model	4-969-782-4□	WITH POWER SOURCE CONNECTOR for PS-LX56P
AEP 1 Model	4-969-782-6□	
Italian Model	4-969-782-8□	
German Model	4-969-782-9□	
E Model	4-970-161-0□	WITH POWER SOURCE CONNECTOR for PS-LX56P
Argentine Model	4-970-161-1□	
Australian Model	4-970-161-2□	
Mexican Model	4-970-161-3□	WITH POWER SOURCE CONNECTOR for PS-LX56P
PX Model	4-970-161-4□	

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

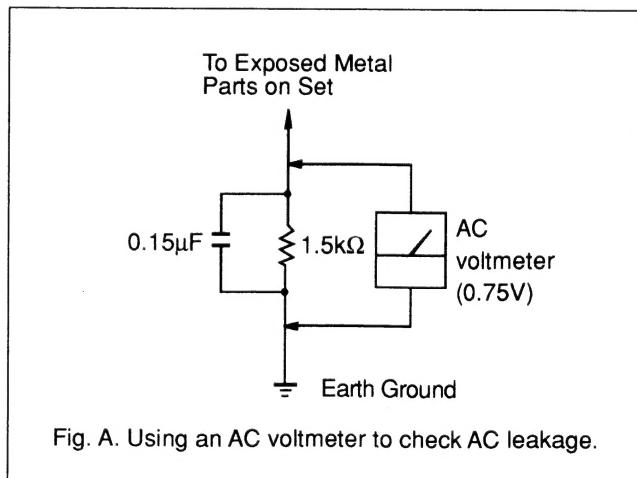


Fig. A. Using an AC voltmeter to check AC leakage.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE Δ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SERVICING NOTE

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NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

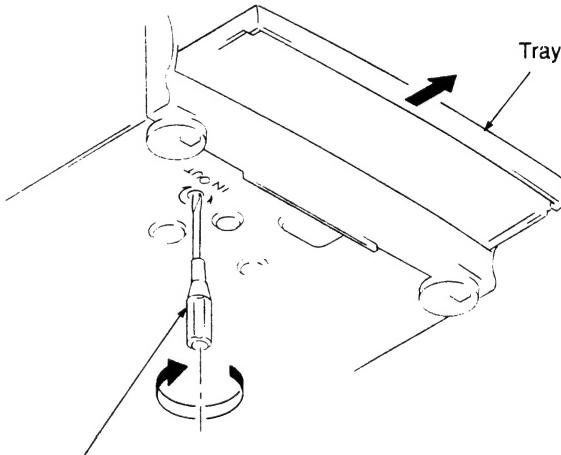
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

HOW TO OPEN THE DISC TRAY WHEN POWER SWITCH TURNS OFF



Insert a tapering driver into the aperture of the unit bottom, and turn in the direction of arrow (to OUT direction).

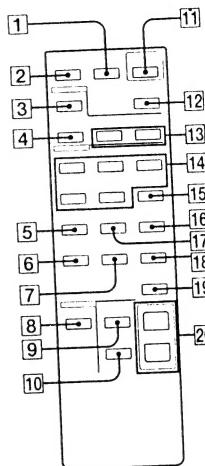
* To close the disc tray, turn the driver in the reverse direction (to IN direction).

SECTION 2

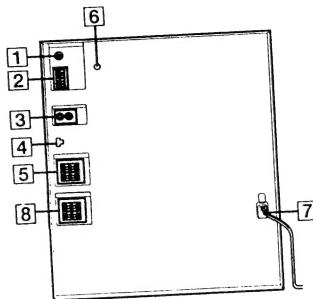
GENERAL

This section is extracted from instruction manual.

Remote



Rear Panel

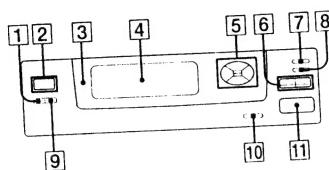


Index to Parts and Controls

Refer to the pages indicated in parentheses for details on how to use the controls.

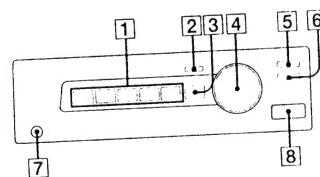
Front Panel

Tuner section



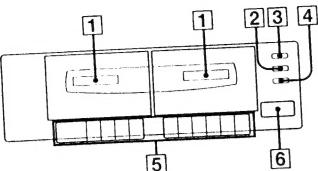
- [1] CLOCK SET button (6)
- [2] SYSTEM POWER switch (7)
- [3] Remote sensor
- [4] Display window (22)
- [5] CURSOR CONTROL buttons (6, 17)
- [6] TUNING (+/-) buttons (11)
- [7] TUNING MEMORY button (12)
- [8] TUNING MODE button (11)
- [9] CLOCK ENTER/NEXT button (6)
- [10] DISPLAY button (6, 9, 17)
- [11] TUNER/BAND button (11, 15)

Amplifier section



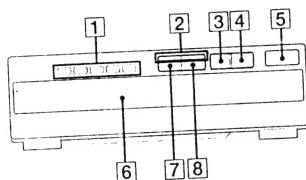
- [1] Preset equalizer setting buttons (16)
- [2] EQ MEMORY button (17)
- [3] P.FILE button (16, 17)
- [4] VOLUME control (8, 16)
- [5] DBFB button (16)
- [6] SURROUND button (17)
- [7] PHONES jack (18)
- [8] PHONO button (7, 18) (EXCEPT AUS)
- [9] VIDEO button (AUS)

Tape player section



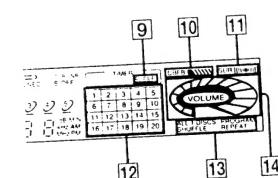
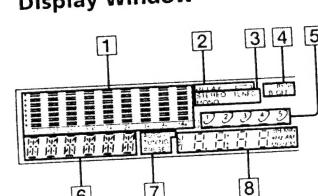
- [1] Cassette compartments (13)
- [2] TAPE SELECT selector (13)
- [3] DOLBY NR selector (14)
- [4] DUBBING SPEED selector (15)
- [5] Tape operating buttons
 - ▷ (play) (13)
 - ▷▷ (fast rightward) (13)
 - ◁◁ (fast leftward) (13)
 - /△ (stop/eject) (13)
 - (REC) (recording) (for deck B only) (14)
 - PAUSE button (13)
 - TAPE button (13)

CD player section



- [1] DISC SELECT 1 - 5 buttons (8)
- [2] ▷◁/▷▷ AMS buttons (8, 14)
- [3] DISC SKIP button (8)
- [4] DISC OPEN/CLOSE button (8, 14)
- [5] CD ▷ (play) button (8, 14)
- [6] Disc tray (8)
- [7] ■■ (pause) button (8)
- [8] ■ (stop) button (8)

Display Window



- [1] Spectrum analyzer (17)
- [2] RELAY indications (13)
- [3] Tuner indication (11)
- [4] DOLBY NR indications (13)
- [5] Disc calendar (8)
- [6] Band/disc/track indications (8, 11, 14)
- [7] AUTO/TUNING/PRESET/STEP indication (11)
- [8] Frequency/playing time indications (8, 12, 14)
- [9] SLEEP indications (18)
- [10] DBFB indication (16)
- [11] SURROUND indication (17)
- [12] Music calendar (8, 14)
- [13] CD play mode indication (8)
- [14] VOLUME indication (8)

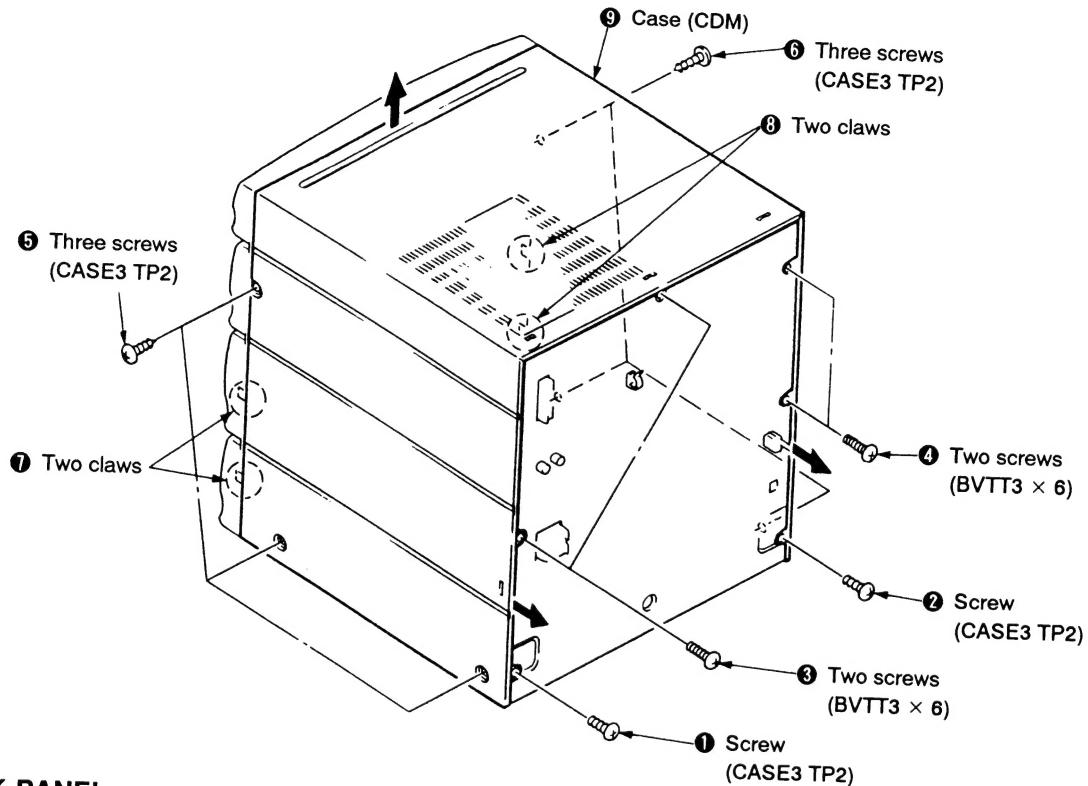
Abbreviations

AUS : Australian model
 MX : Mexican model
 AR : Argentine model

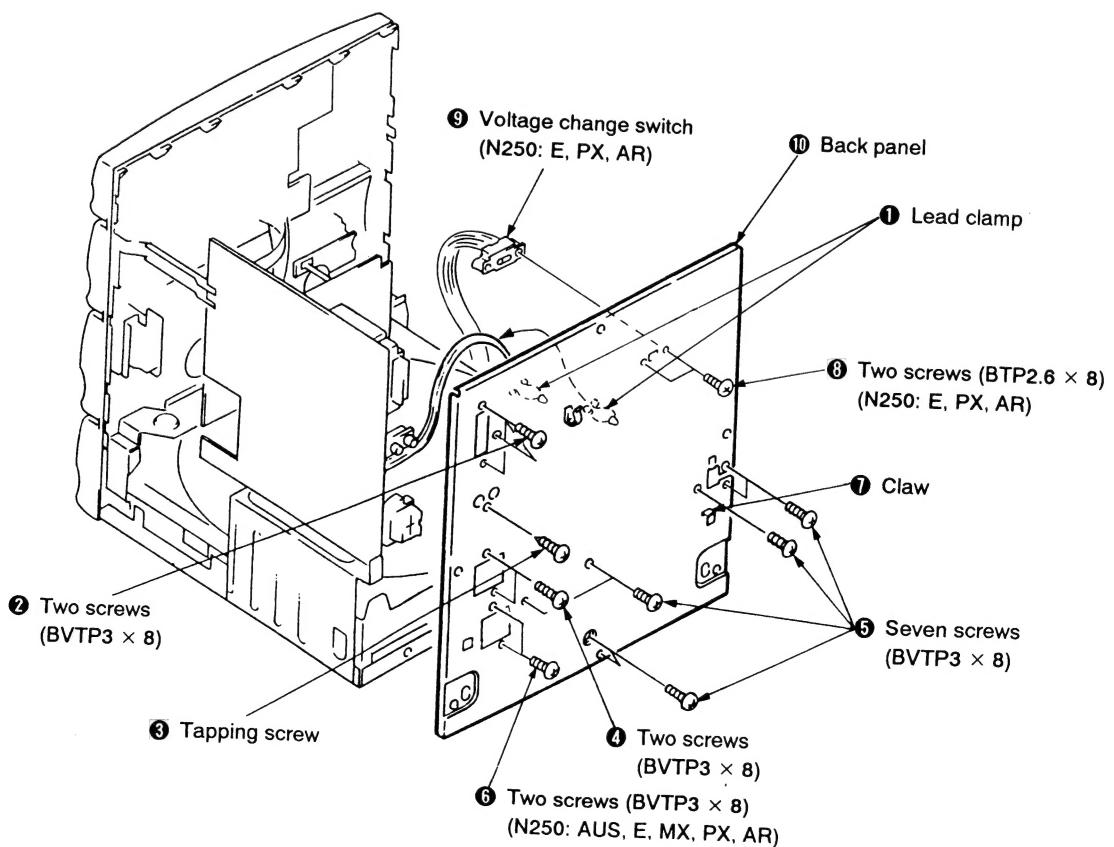
SECTION 3

DISASSEMBLY

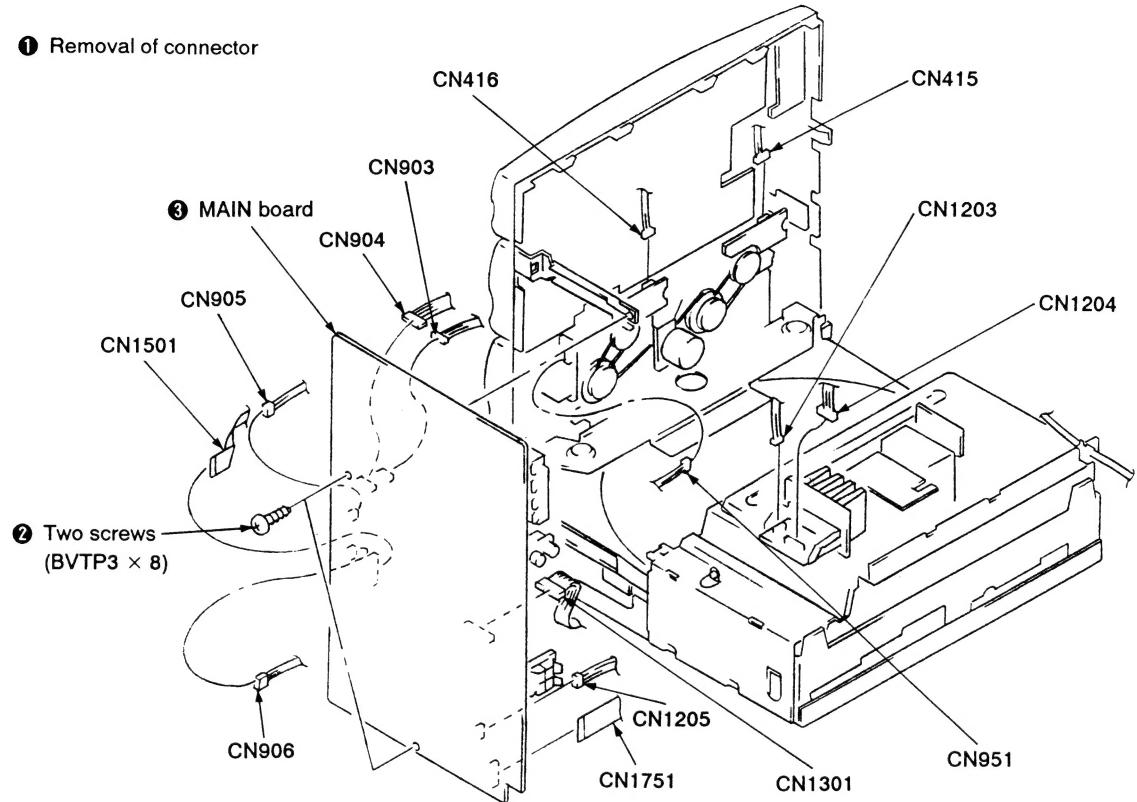
3-1. CASE (CDM)



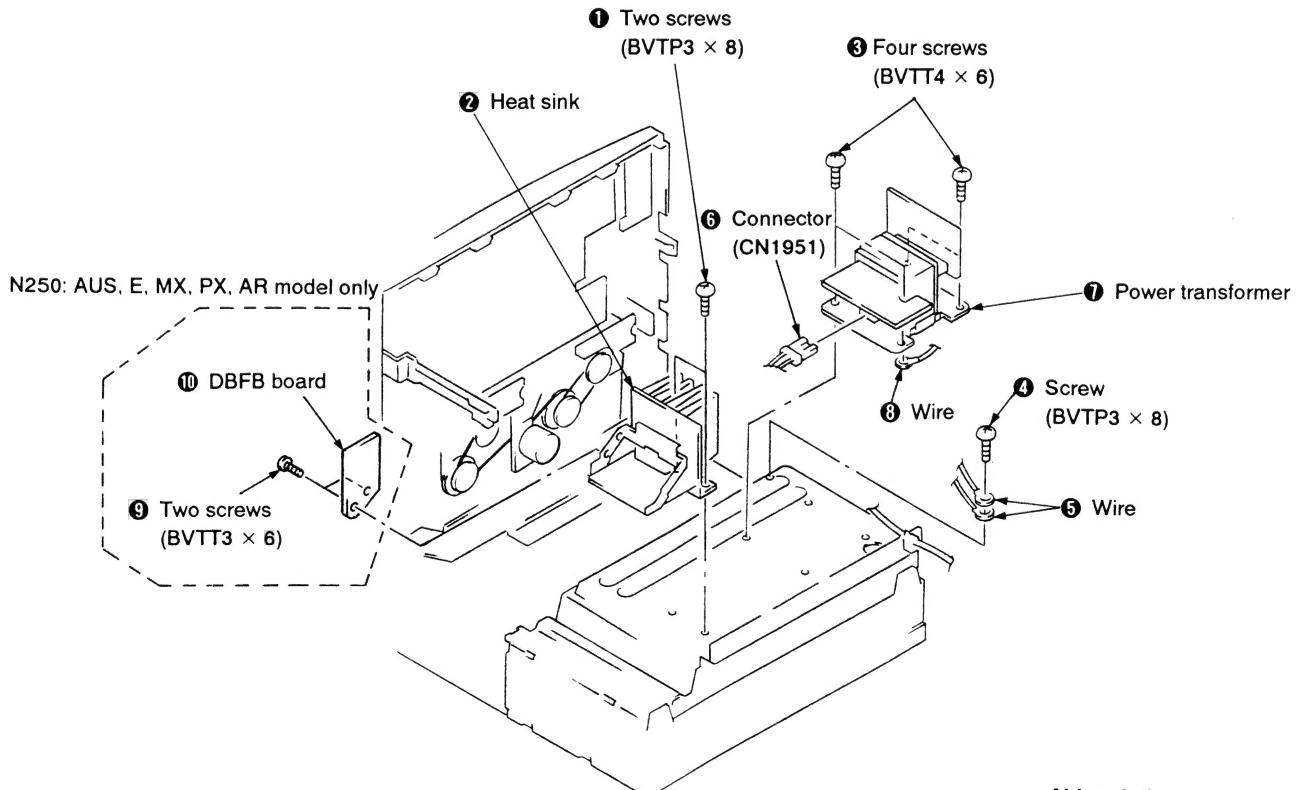
3-2. BACK PANEL



3-3. MAIN BOARD



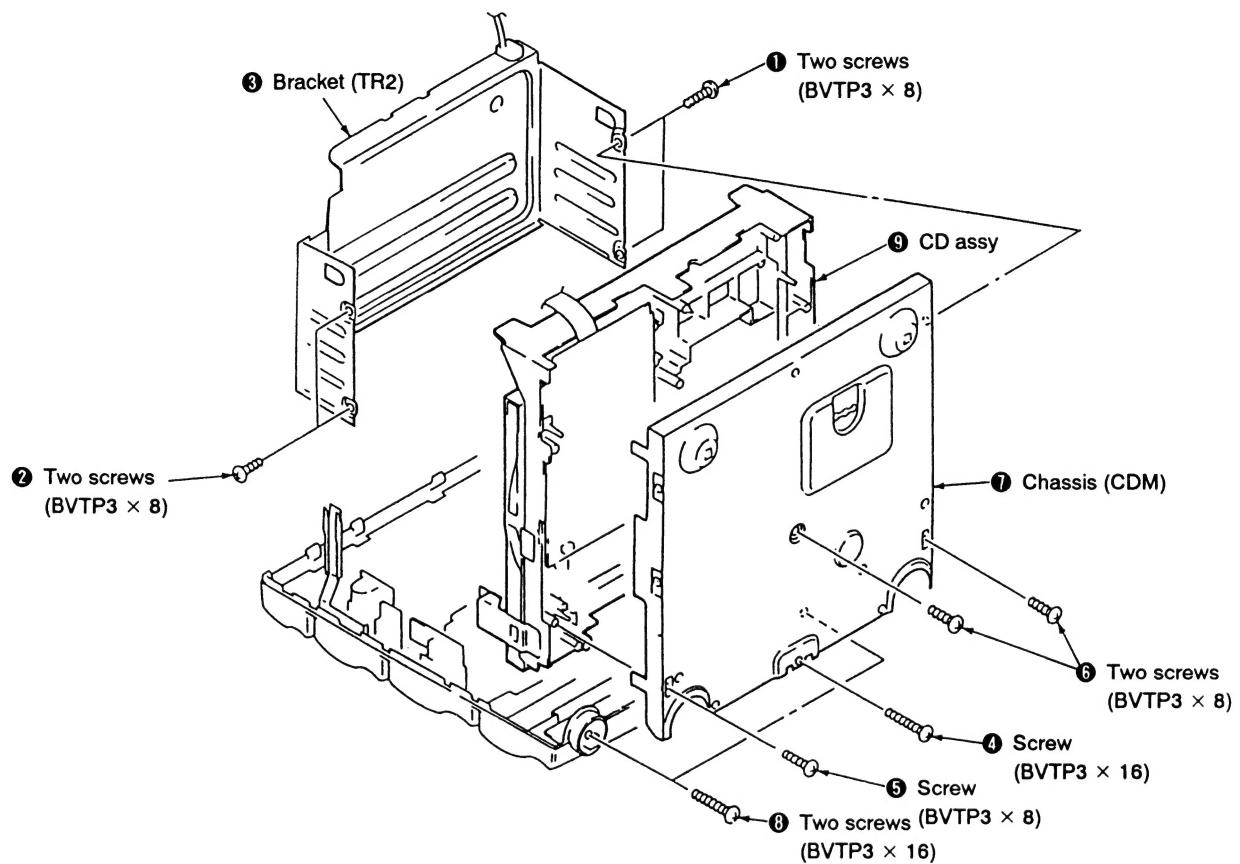
3-4. POWER TRANSFORMER



• Abbreviations

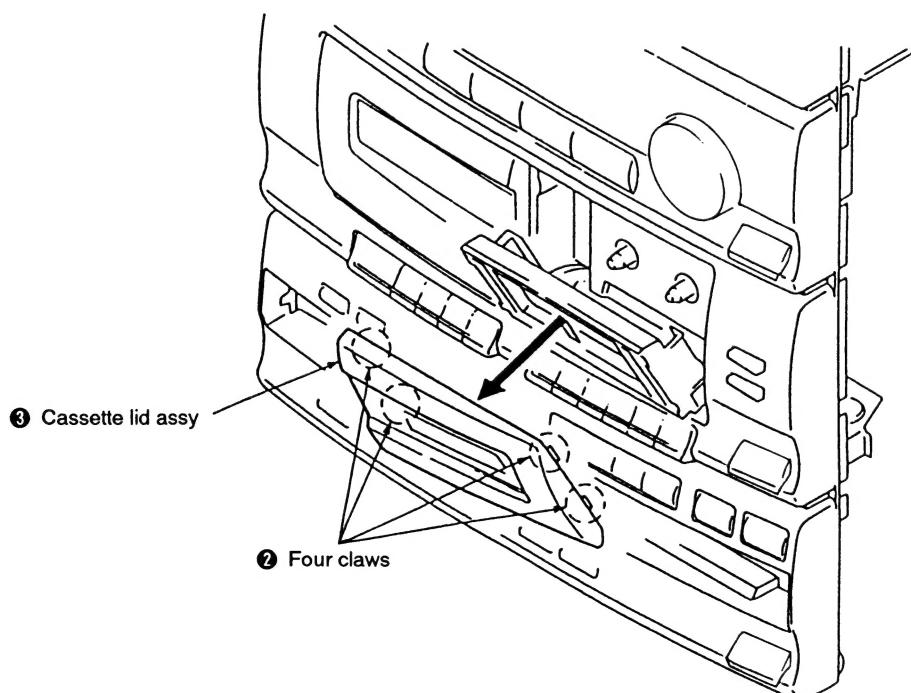
AUS: Australian model
MX : Mexican model
AR : Argentine model

3-5. CD ASSY



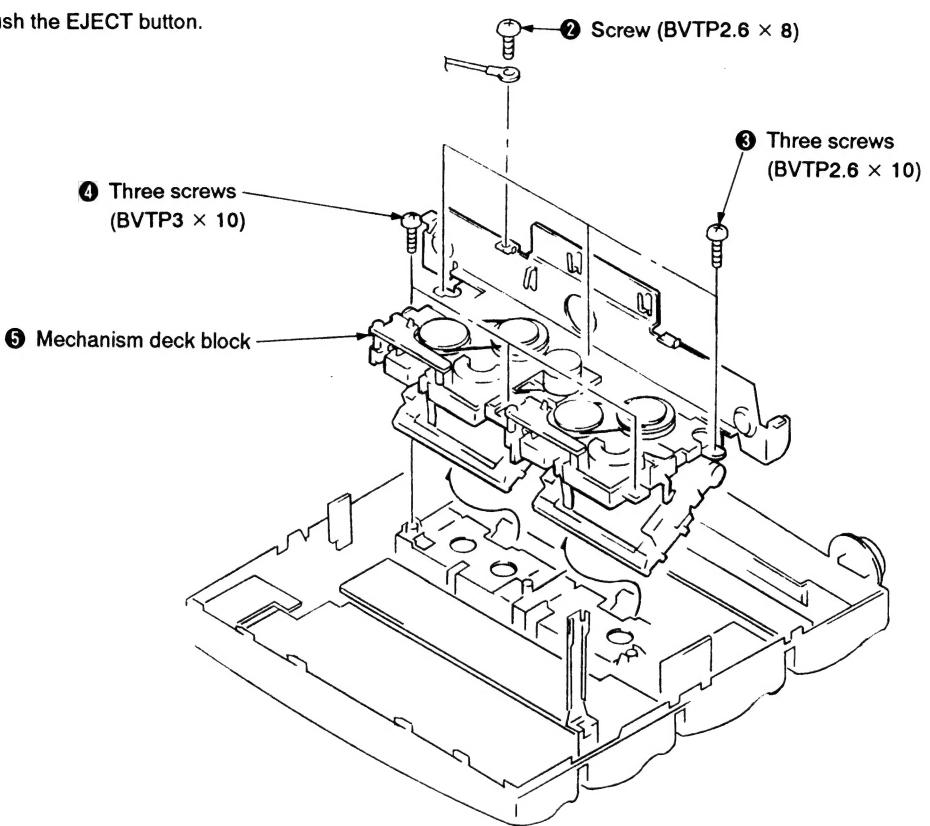
3-6. CASSETTE LID ASSY

① Push the EJECT button.

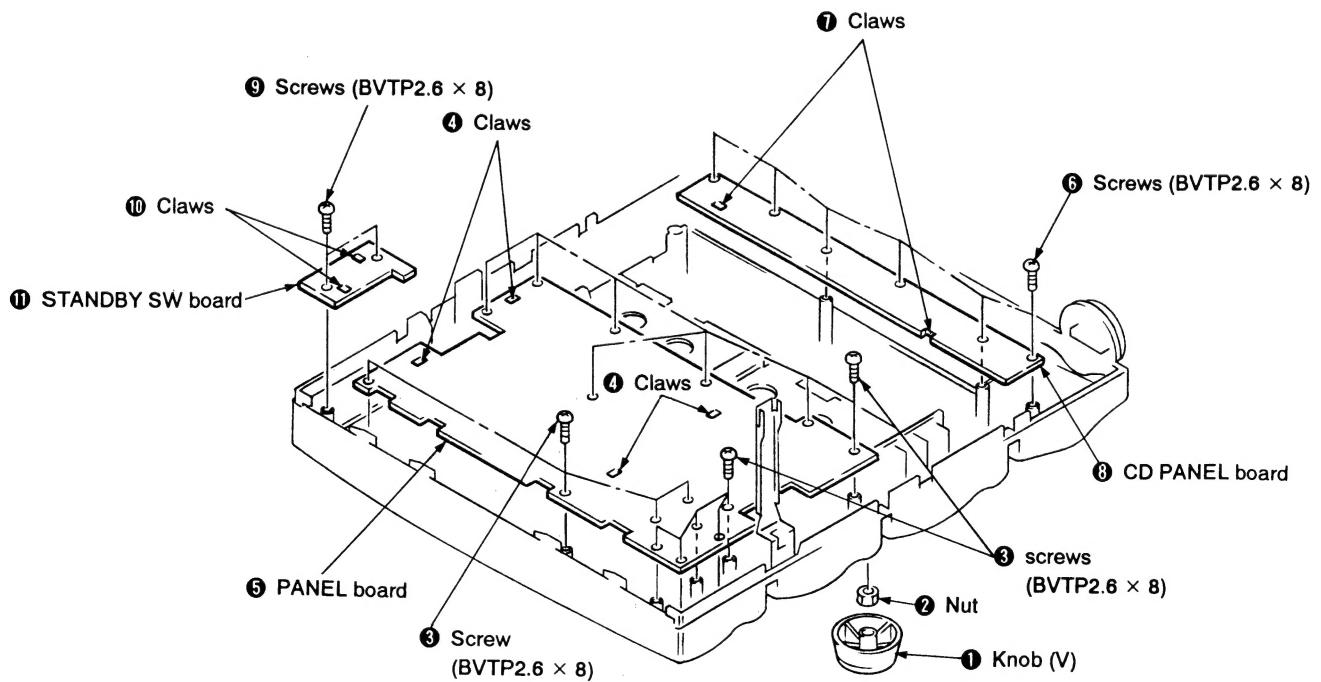


3-7. MECHANISM DECK BLOCK

① Push the EJECT button.

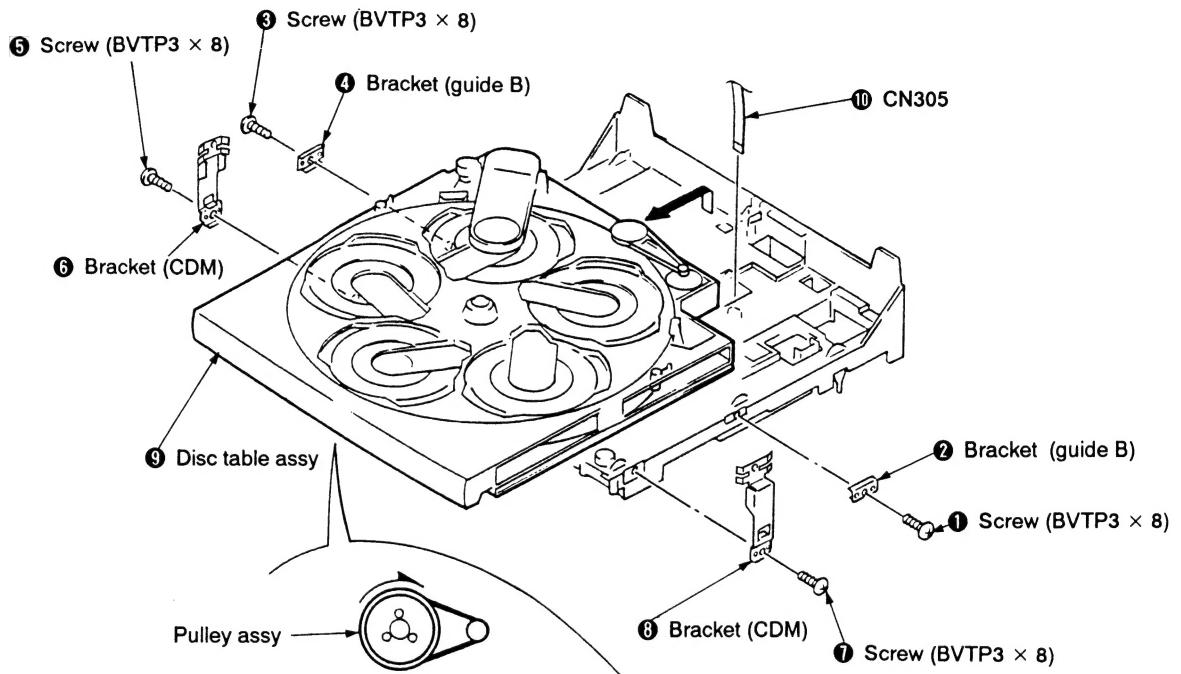


3-8. PANEL BOARD



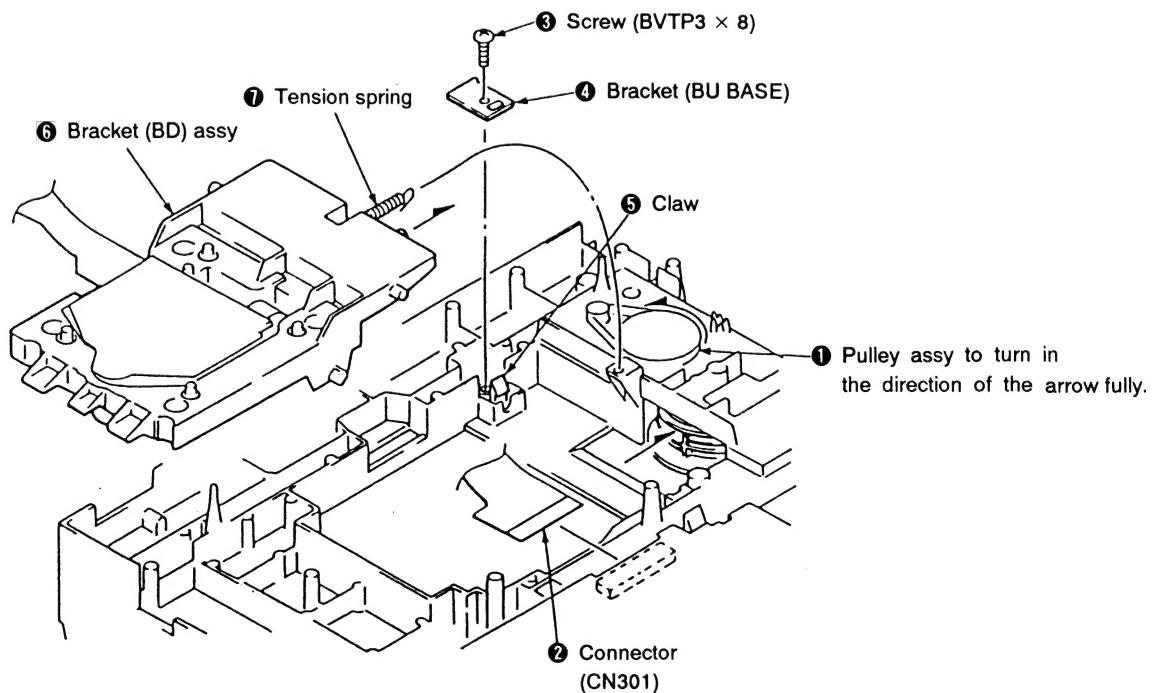
3-9. DISC TABLE ASSY

Note on assembly : Turn the pulley assy in the direction of the arrow.
 Down the bracket (BD) assy, and assembly the disc table assy.



3-10. BRACKET (BD) ASSY

Note on assembly : Set to the arrow portion of gear (loading A) for shaft (CAM).



SECTION 4

MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :

record/playback heads	pinch rollers
erase head	rubber belts
capstan	idle
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Mesurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	30—70g·cm (0.42—0.97oz·inch)
FWD Back tension	CQ-102C	1.5—5.5g·cm (0.020—0.076oz·inch)
FF/REW	CQ-201B	63g·cm or more (0.87oz·inch or more)

SECTION 5

ELECTRICAL ADJUSTMENTS

DECK SECTION

0 dB=0.775V

1. Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-CH.

- Switches and controls should be set as follows unless otherwise specified.

TAPE SELECT switch : TAPE I
DOLBY NR switch : OFF

Type	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Record/Playback Head Azimuth Adjustment

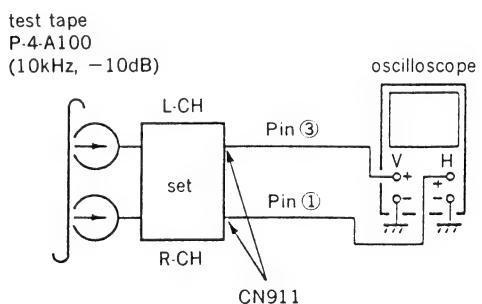
DECK A

DECK B

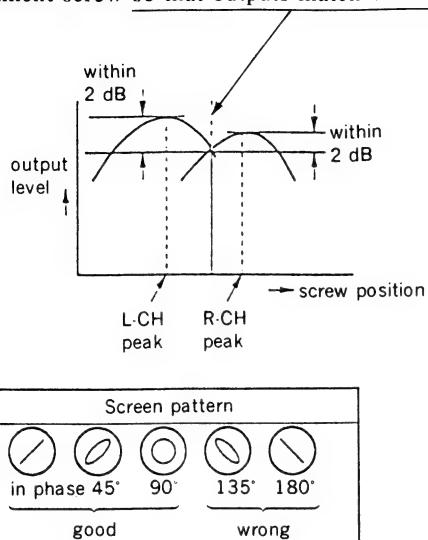
Note : Perform this adjustments for both decks.

Procedure :

1. Mode : Playback

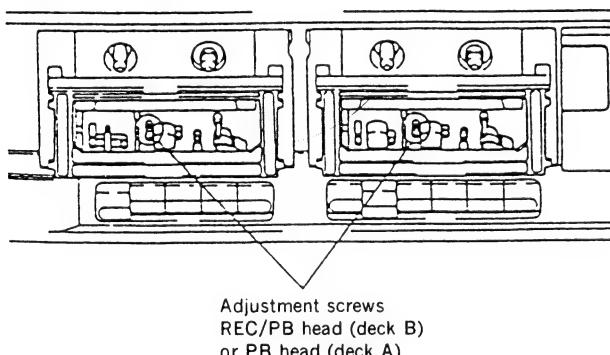


2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 2 dB of peak.



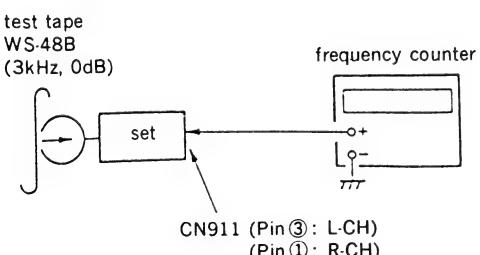
3. After the adjustments, apply suitable locking compound to the parts adjusted.

Adjustment Location :



Tape Speed Adjustment **DECK A** **DECK B**

Procedure :
Mode : Playback



High speed adjustment (Must be first Adjustment deck B)

1. Short pin ① and ③ of CN912 on set "DUBBING SPEED" switch to "HIGH". Then at HIGH speed mode.
2. Adjust RV901 so that the frequency counter reads 6,000 ± 20 Hz.

Normal speed adjustment

1. Remove the short pin from CN912 on set "DUBBING SPEED" switch to "NORMAL". Then at NORMAL speed mode.
2. Adjust RV902 so that the frequency counter reads $3,000 \pm 10$ Hz.

Frequency difference between deck A and deck B the beginning of the tape should be within $\pm 1\%$.

Adjustment Location : main board

Playback Level Adjustment **DECK A** **DECK B**

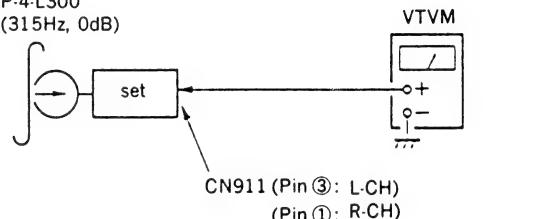
Procedure :

Mode : Playback

test tape

P-4-L300

(315Hz, 0dB)



Deck A side RV702 (L-CH), RV802 (R-CH)
Deck B side RV701 (L-CH), RV801 (R-CH)
so that the limits below are satisfied.

Adjustable limits :

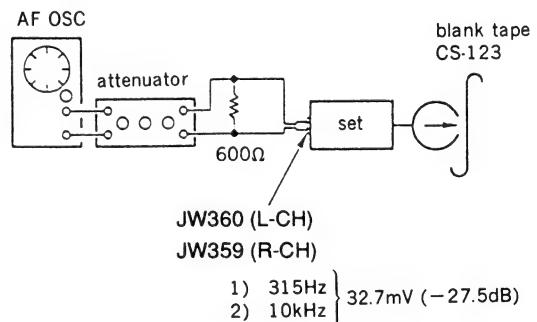
CN911 PB level: 301.5 to 338.3 mV (-8.2 to -7.2 dB)
level difference between the channels: within ± 1 dB

Adjust Location : main board

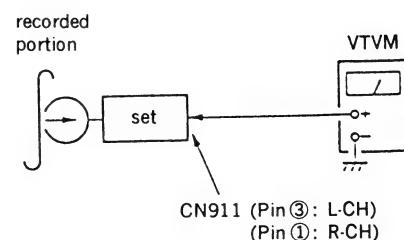
Record Bias Current Adjustment **DECK B**

Procedure :

1. Mode : record



2. Mode : Playback



Confirm playback the signal recorded in step 1 become adjustable limits as follows.

If these levels do not adjustable limits, adjustment the RV704 (L-CH) and RV804 (R-CH) to repeat steps 1 and 2.

Adjustable limits : Playback output of 315 Hz to playback output of 10 kHz : 0 ± 0.5 dB

Adjustment Location : main board

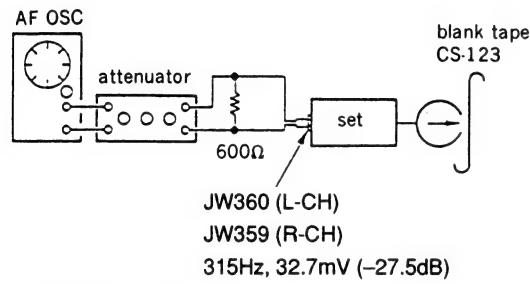
Record Level Adjustment DECK B

Setting :

TAPE SELECT switch : TYPE I

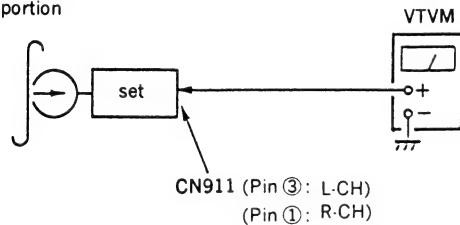
Procedure :

1. Mode: record



2. Mode: Playback

recorded portion



Confirm playback the signal recorded in step 1 become adjustable limits as follows.

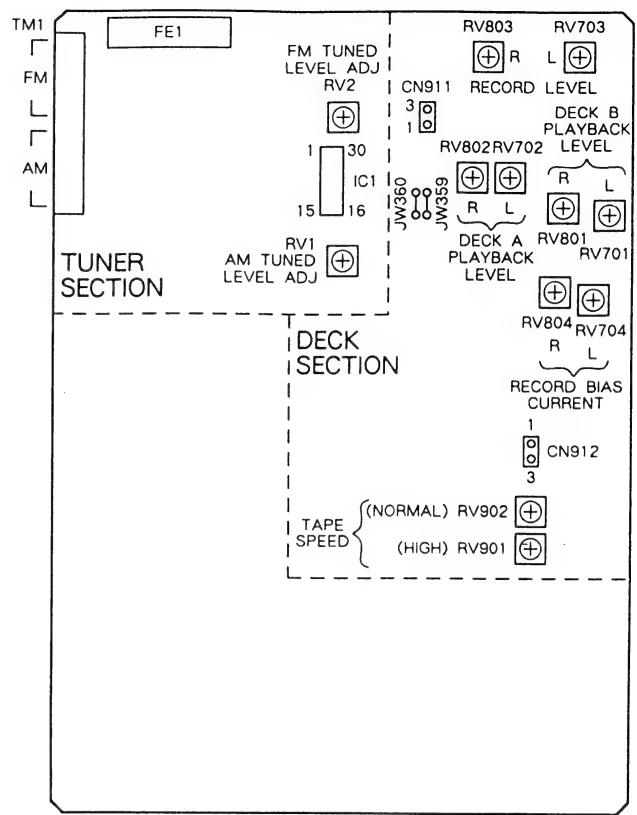
If these levels do not adjustable limits, adjustment the RV703 (L-CH) and RV803 (R-CH) to repeat steps 1 and 2.

Adjustable limits :

CN911 PB level: 23.1 to 26.0 mV (-30.5 to -29.5 dB)

Adjustment Location : main board

[MAIN BOARD] (Component Side)

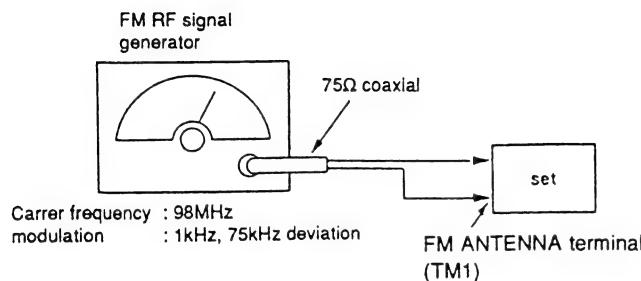


TUNER SECTION 0dB=1μV

Note : As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

FM Section Adjustment

Setting :



FM Tuned Level Adjustment

Band : FM

Procedure :

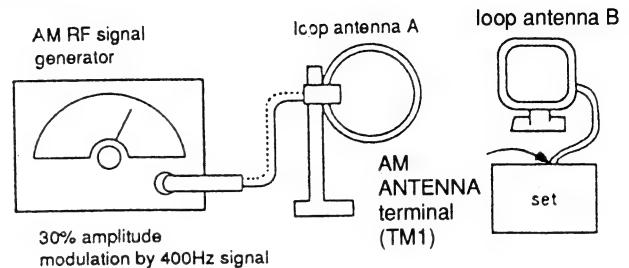
- Supply a 17.8 μ V (25dB μ) 98 MHz signal from the ANTENNA terminal.
- Tune the set to 98 MHz.
- Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location : main board

- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

AM Section Adjustment

Setting :



AM Tuner Level Adjustment

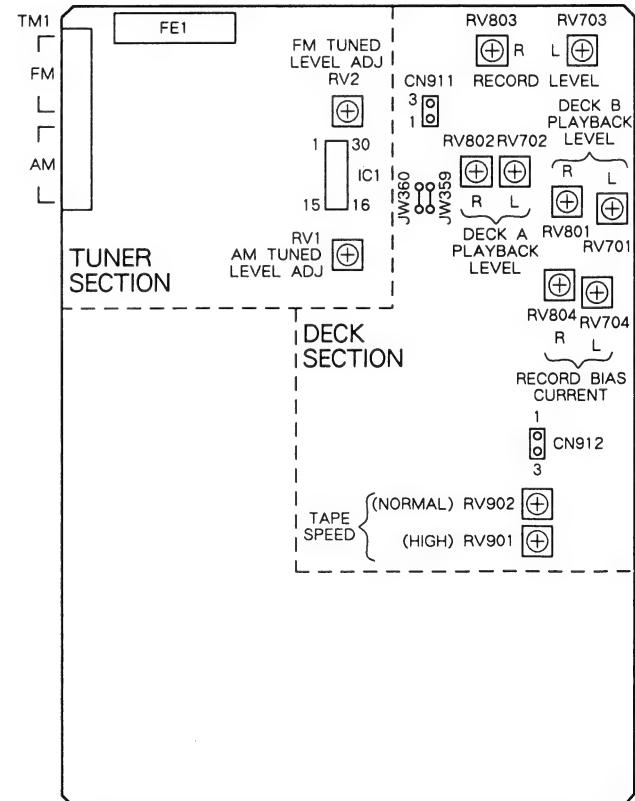
Band : AM

Procedure :

- Set loop antenna A so that the loop antenna B input level becomes 0.56 mV (55 dB μ).
- Tune the set to 1050kHz.
- Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location : main board

[MAIN BOARD] (Component Side)

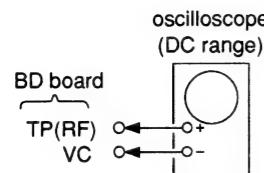


CD SECTION

Note :

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than $10M\Omega$ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical block is replaced.

Focus Bias Adjustment

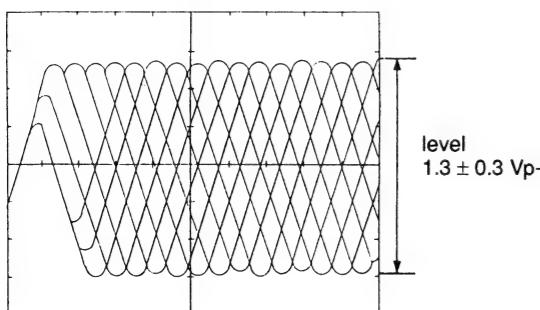


Procedure:

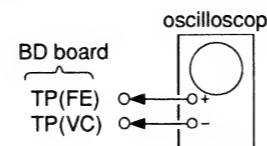
1. Connect oscilloscope to test point TP (RF). (GND terminal : VC)
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear. (Clear RF signal waveform means that the shape “◊” can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

- RF signal

VOLT/DIV : 200 mV
TIME/DIV : 500 nS



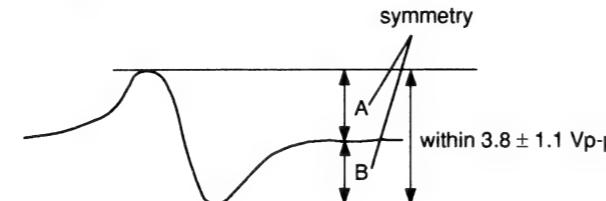
S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8 ± 1.1 Vp-p.

S-curve waveform

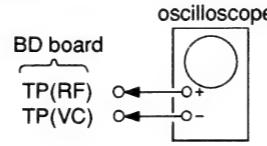


6. After check, remove the lead wire connected in step 2.

Note :

- Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
- Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check



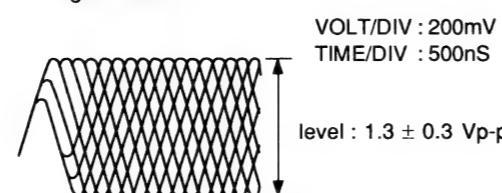
Procedure :

1. Connect oscilloscope to test point TP (RF) on BD board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

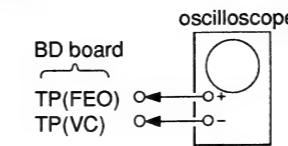
Note :

Clear RF signal waveform means that the shape “◊” can be clearly distinguished at the center of the waveform.

RF signal waveform



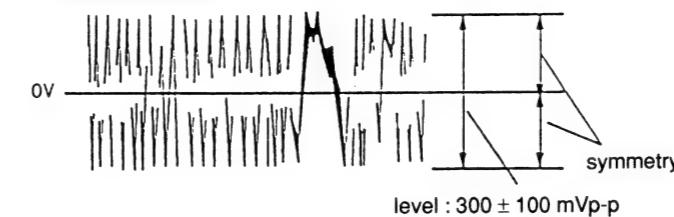
E-F Balance Check



Procedure :

1. Connect pin 56 of IC101 to GND with a lead wire.
2. Connect oscilloscope to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.

Traverse waveform



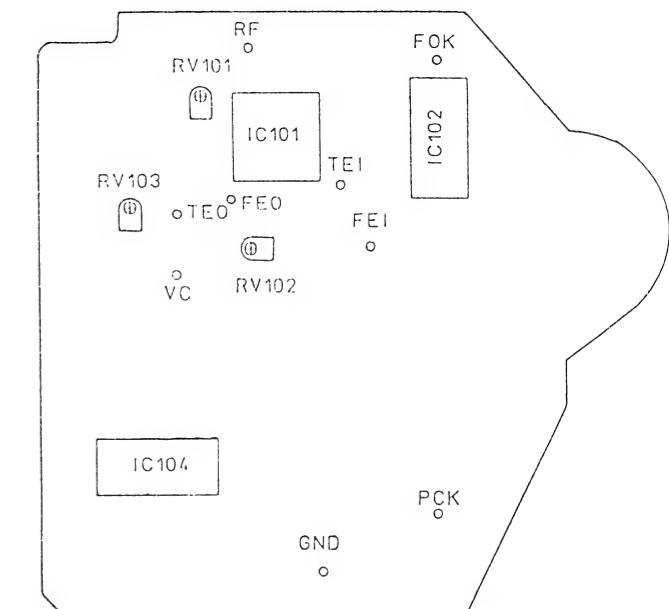
6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

This gain has a margin, so even if it is slightly off. There is no problem. Therefore, do not perform this adjustment. Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location :

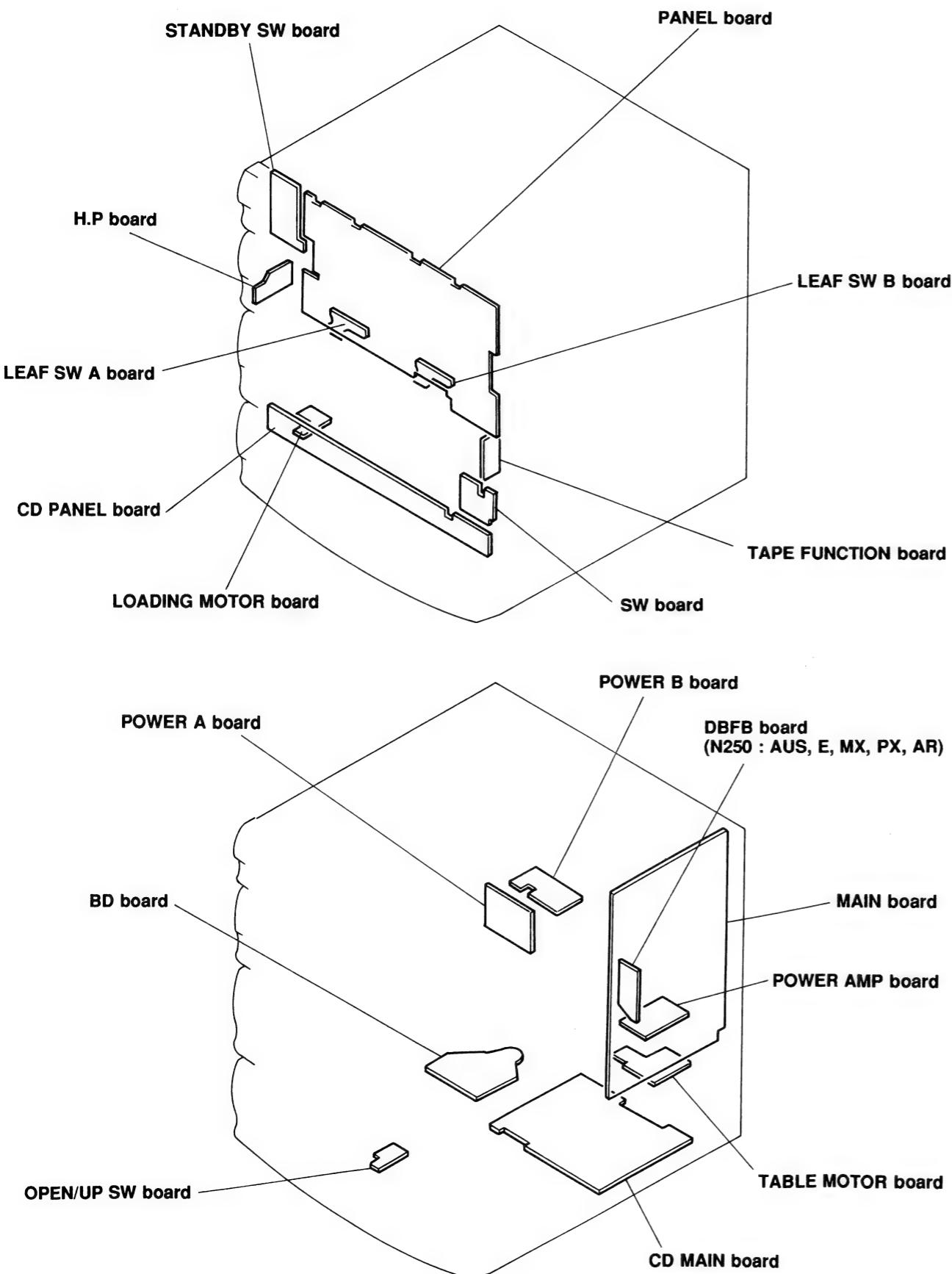
[BD BOARD] (Conductor Side)



SECTION 6

DIAGRAMS

6-1. CIRCUIT BOARDS LOCATION



6-2. IC PIN FUNCTIONS

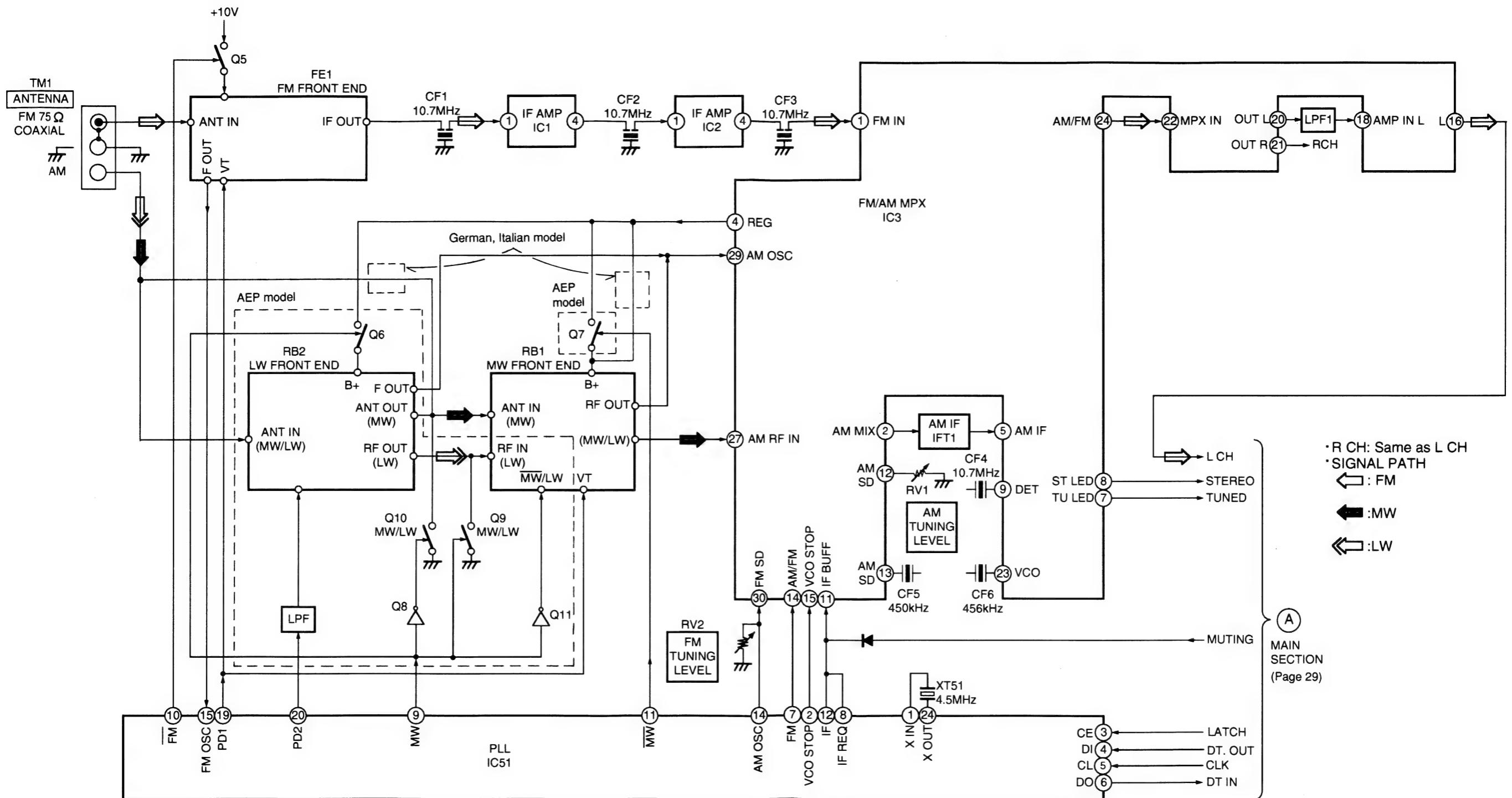
• IC1501 MASTER CONTROL (TMP87CP64F-6254)

Pin No.	Pin Name	I/O	Function
1	V _{ss}	I/O	GND
2	X _{OUT}	-	
3	X _{IN}	I	X'tal (8MHz).
4	RESET	I	Reset signal input.
5	X _{OUT}	O	
6	X _{IN}	I	X'tal for clock (32.768kHz)
7	GND (test)	-	GND
8	AC CUT	I	AC detect signal input.
9	COUNT SW	I	
10	INIT SW	I	
11	DISC SENS	I	
12	MID SENS	I	
13	CD XRST	O	Reset signal output for CD.
14	POWER ON	O	Power on signal output.
15	MUTE (TA)	O	Mute signal for AMP.
16	MPX ON	O	
17	KEY CON LATCH	O	
18	VOL LATCH	O	Latch signal for electrical volume.
19	K-CON	O	
20	K-PON B	O	
21	FUNC A	O	
22	FUNC B	O	Input selector control signal output.
23	FUNC C	O	
24	GEQ. LATCH	O	Latch signal for graphic equalizer
25	RDS INT	I	Not used. (Pull up)
26	SCOR	I	Sub-code sync signal input.
27	SENS	I	Table sence signal input.
28	CD POWER	O	CD power control signal output.
29	CD. G-LATCH	O	Not used.
30	DBFB1-2	O	DBFB switching signal output.
31	ST-MUT	O	Mute signal output for tuner.
32	ST-CE	O	Latch signal output for tuner.
33	STEREO	I	Stereo detection signal from tuner.
34	TUNED	I	Tuned detection signal from tuner.
35	SQ (RDS) CLK	O	Clock output for sub-Q.
36	SQ (RDS) DI	I	Sub-Q input.
37	RDS RESET	O	Not used.
38	CLK	O	Clock output. Serial bus line.
39	D IN	I	Data input. Serial bus line.
40	D OUT	O	Data output. Serial bus line.

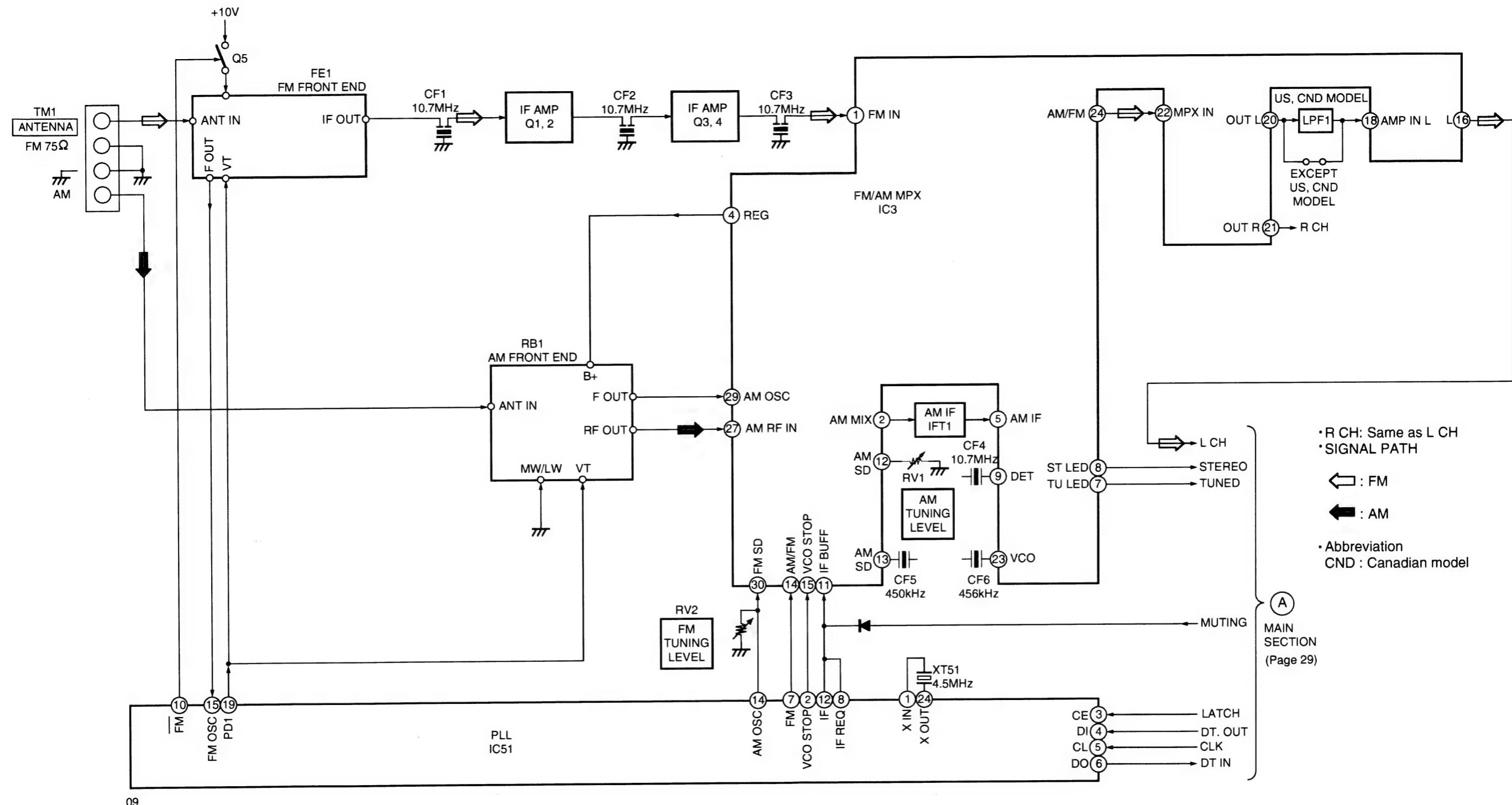
Pin No.	Pin Name	I/O	Function
41	TABLE SENS	I	Sense signal input.
42	REQ GM	I	Request signal from graphic control.
43	REQ MG	O	Request signal to graphic control.
44	CLK MG	O	Clock signal to graphic control.
45	DI GM	I	Data input from graphic control.
46	DO MG	O	Data output to graphic control.
47	MC RDY	I/O	RDY signal from/to graphic control.
48	VAREF	I	Analog reference voltage input.
49	VAss	-	GND
50	Vss	-	
51	VDD	-	+5V
52	UNGENT. SIG	I	Not used. (Pull up)
53	URGENT. STBY	O	Not used.
54-57	SUBKEY4-1	I	Test land.
58, 59	DEST2, 1	I	Not used.
60, 61	PWM1, 2	I	
62	B-PLAY	I	Control signal input from deck.
63	B-SHUT	I	
64	B-HALF	I	
65	A-SHUT	I	
66	A-PLAY	I	
67	A-HALF	I	
68	CAP M H/L	O	Capstan motor control signal output.
69	CAP M ON/OFF	O	Not used.
70	TRIG H/L	O	
71	B TRIG	O	
72	A TRIG	O	
73	RELAY REC/PB	O	Control signal output for deck.
74	PB A/B	O	
75	EQ H/L	O	
76	BIAS ON OFF	O	
77	RM ON/OFF	O	
78	REC/PB	O	
79	NR ON/OFF	O	Not used.
80	LM ON/OFF	O	Mute signal output for deck.
81	PASS	O	Dolby switching signal output.
82	CDG MUTE	O	Not used.
83	UP MOTOR	O	
84	DOWN MOTOR	O	
85	TABLE R (SCD)	O	Table control signal output.

Pin No.	Pin Name	I/O	Function
86	TABLE L (SCD)	O	Table control signal output.
87	LOAD OUT	O	Loading motor control signal output.
88	LOAD IN	O	
89	DF LATCH	O	Latch signal for digital filter.
90	XLT	O	Latch signal digital signal processor.
91	FOCUS SW	O	Focus switching signal output.
92	DUB HI	I	Hi speed dubbing signal input.
93	TEST-1	I	Test land.
94	OUT SW	I	Out switch signal input.
95	IN SW	I	Down switch signal input.
96	UP SW (5CD)	I	Up switch signal input.
97	PANEL SW (MAGK)	I	Not used.
98	CLOSE SW	I	
99	OPEN SW	I	
100	VDD	-	+5V

6-3. BLOCK DIAGRAM
— TUNER SECTION (AEP, German, Italian model) —

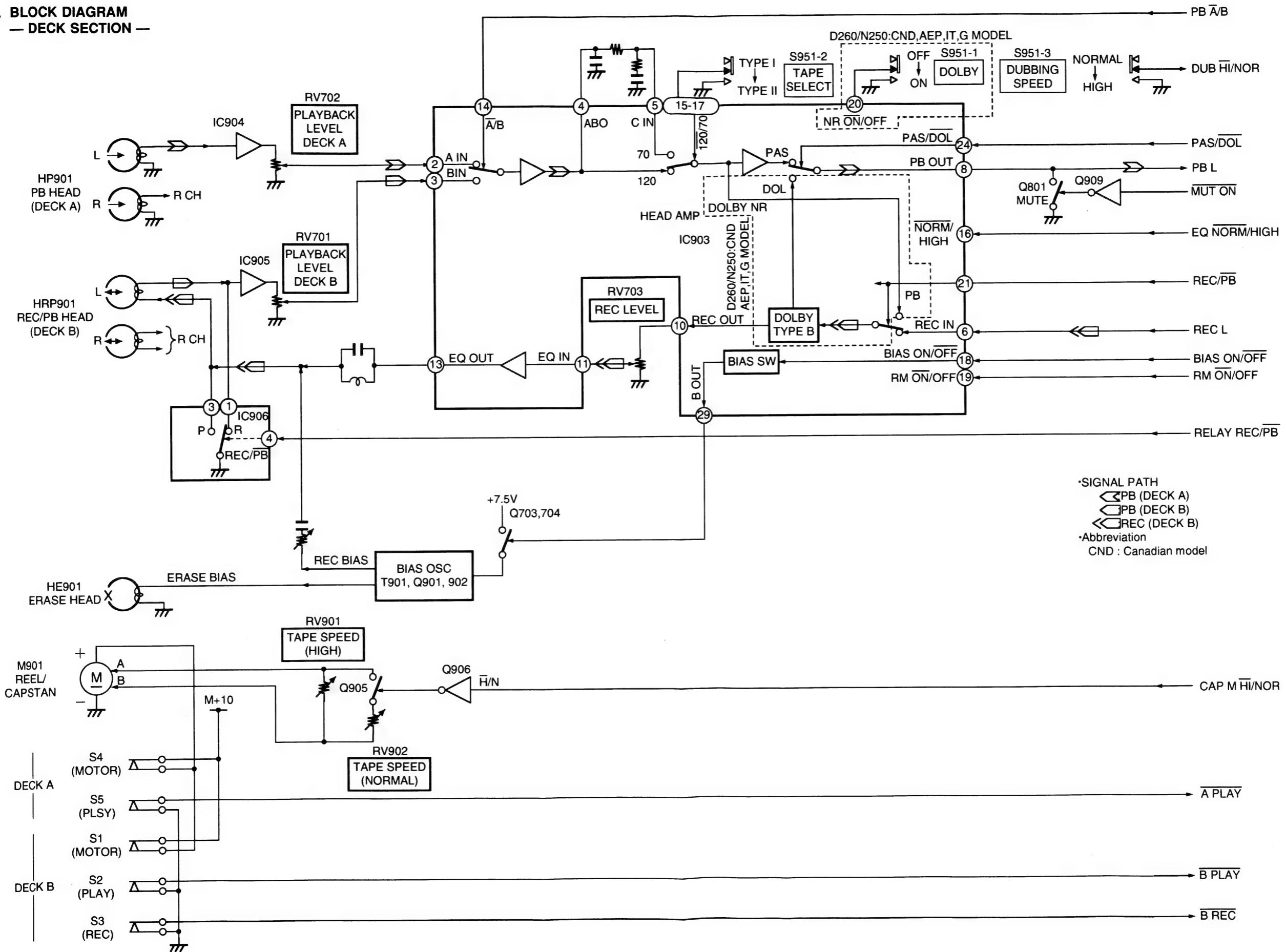


6-4. BLOCK DIAGRAM
— TUNER SECTION (EXCEPT AEP, German, Italian model) —

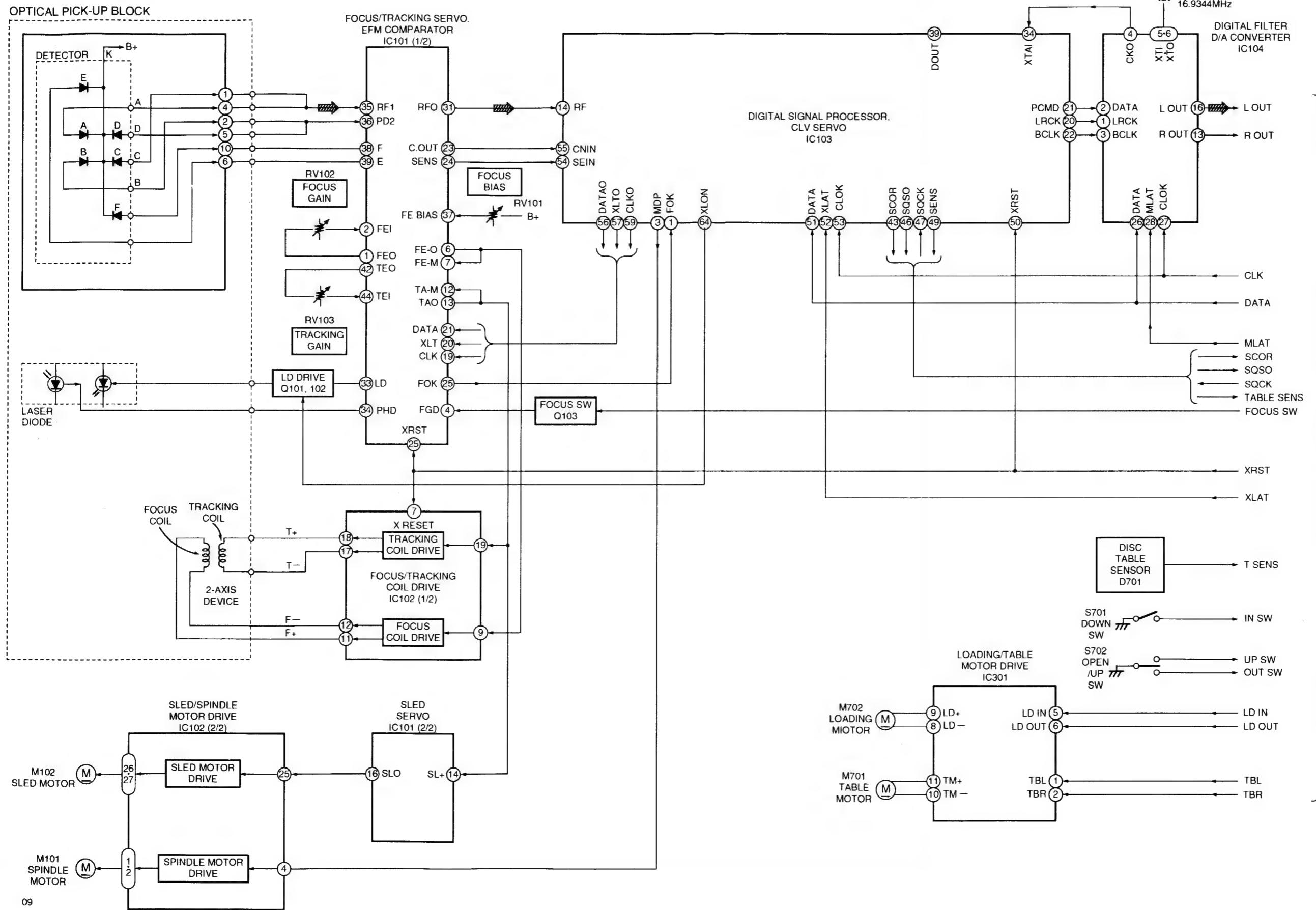


09

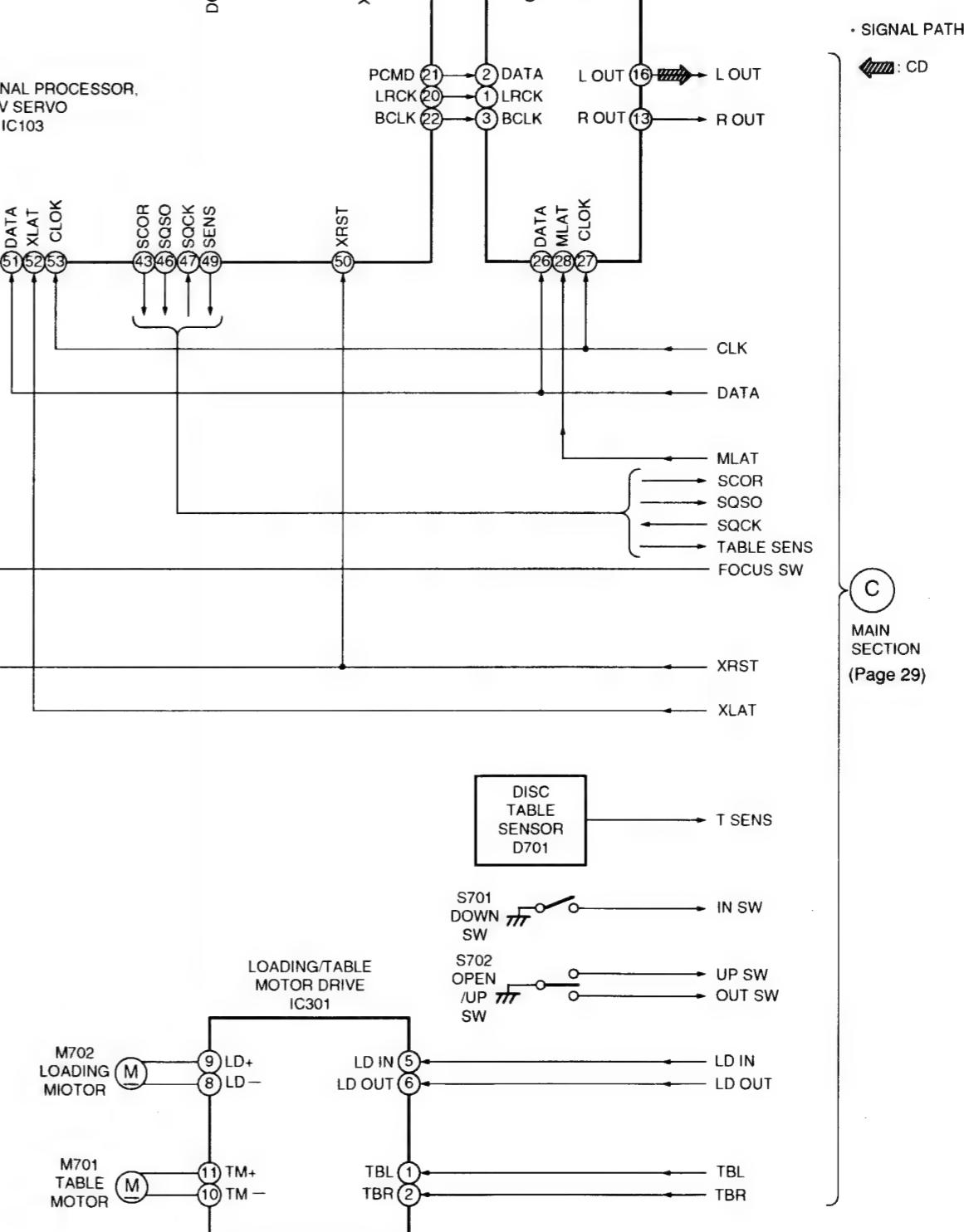
6-5. BLOCK DIAGRAM
— DECK SECTION —



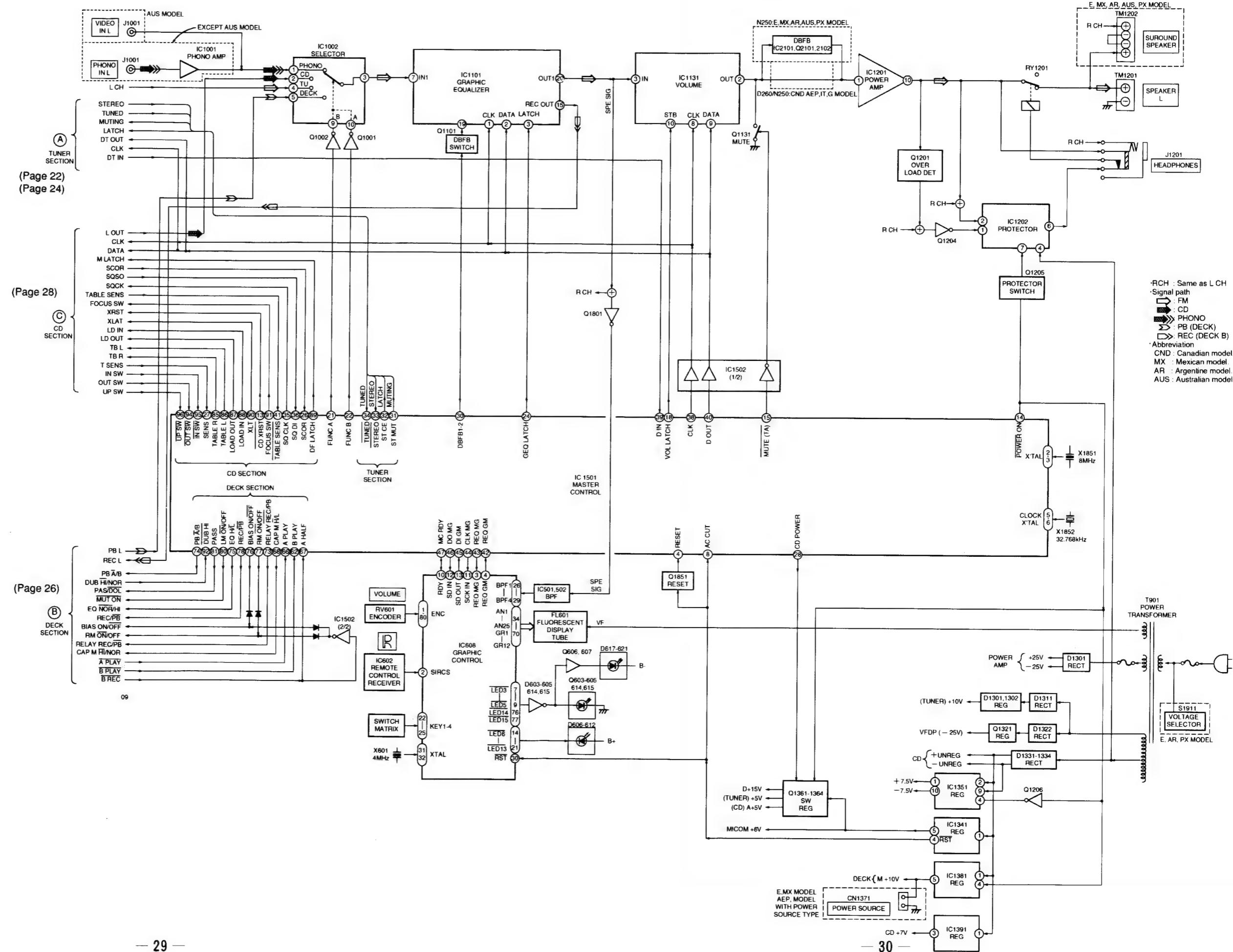
6-6. BLOCK DIAGRAM — CD SECTION —



6-7. BLO — M

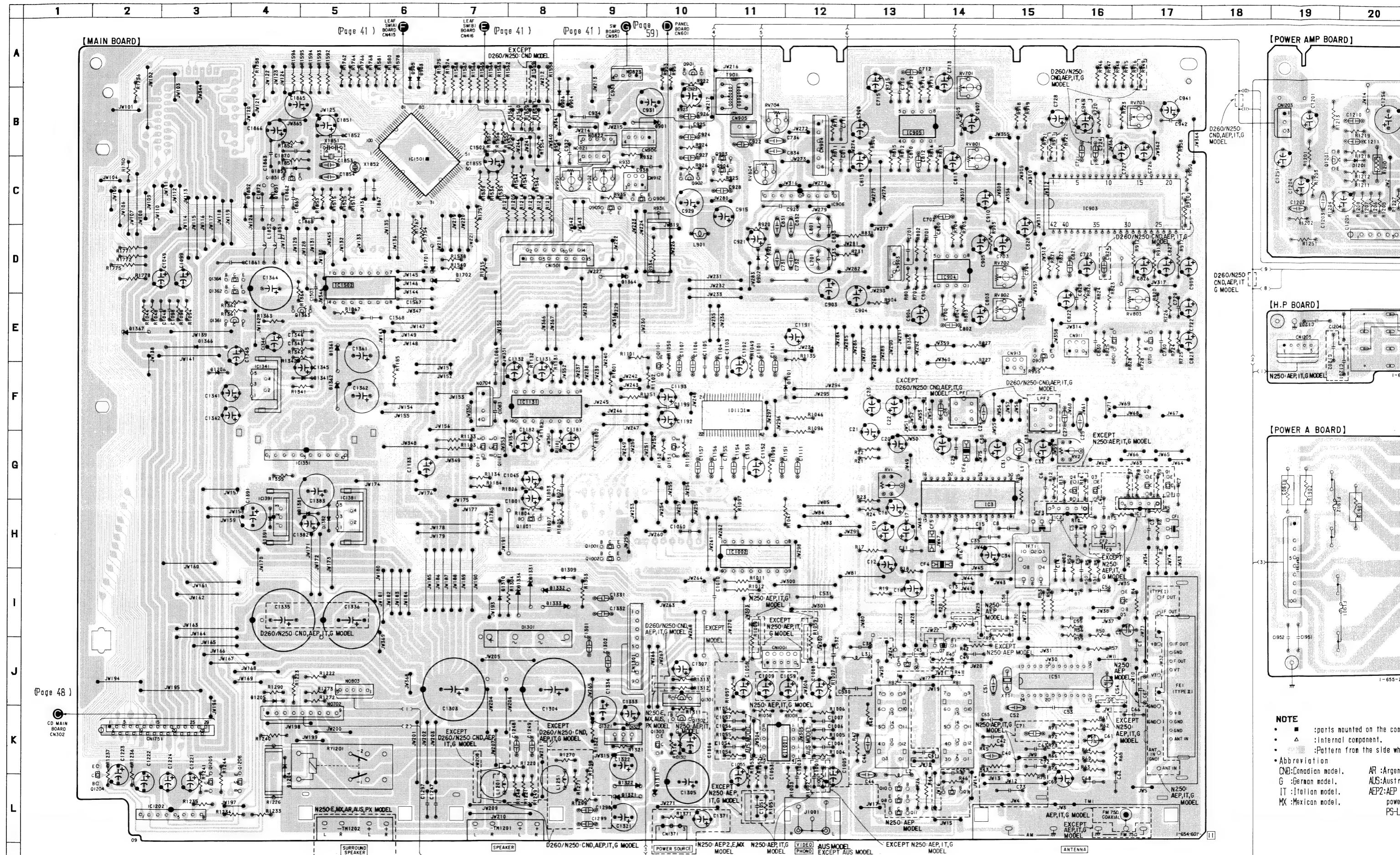


6-7. BLOCK DIAGRAM — MAIN SECTION —



6-8. PRINTED WIRING BOARD — MAIN SECTION —

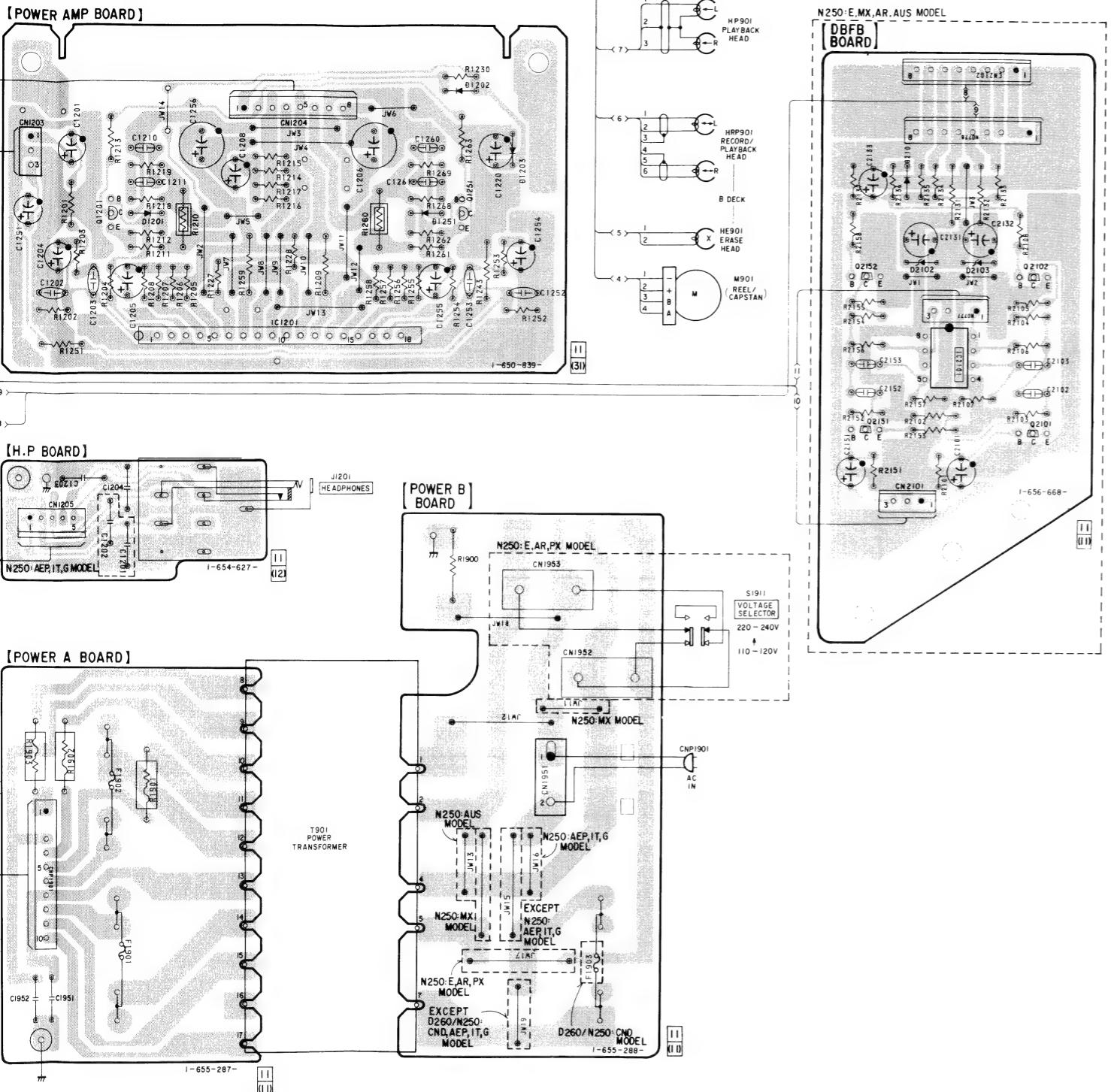
• See page 17 for Circuit Boards Location. • See page 64 for Semiconductor Lead Layouts.



NOTE
 • : parts mounted on the condenser.
 △ : internal component.
 • : Pattern from the side where applicable.
 Abbreviation:
 CND: Canadian model.
 G: German model.
 IT: Italian model.
 AUS: Australian model.
 AEP: Argentinean model.
 MX: Mexican model.

AF: Argentinean model.
 AUS: Australian model.
 IT: Italian model.
 AEP: Argentinean model.
 MX: Mexican model.

POWER: Power supply.
 PS-L: Power line.



NOTE

- : parts mounted on the conductor side.
- △ : internal component.
- : Pattern from the side which enable seeing.

Abbreviation

CNB:Condition model. AR : Argentine model.
 G : German model. AUS: Australian model.
 IT : Italian model. AEP2:AEP model with
 MX : Mexican model. power source for
 PS-LX56P.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D901	B-10	IC1202	L-3
D902	D-11	IC1341	F-4
D903	A-6	IC1351	G-4
D904	B-8	IC1381	H-5
D905	A-6	IC1391	H-4
D906	B-8	IC1501	C-6
D1101	F-12	IC1502	D-5
D1201	C-20	IC2102	D-27
D1202	A-23	Q1	G-17
D1203	B-23	Q2	G-17
D1204	K-4	Q3	G-16
D1205	J-4	Q4	G-16
D1206	F-3	Q5	I-16
D1251	C-22	Q6	J-13
D1301	I-8	Q7	J-14
D1309	I-8	Q8	L-13
D1310	I-7	Q9	L-14
D1311	K-10	Q10	L-13
D1312	K-10	Q11	L-13
D1321	L-9	Q12	E-17
D1322	K-9	Q701	E-16
D1331	I-8	Q801	A-10
D1332	I-8	Q901	C-10
D1333	I-8	Q902	B-11
D1334	I-8	Q903	C-11
D1341	F-5	Q904	C-11
D1361	E-5	Q905	C-9
D1362	F-5	Q906	C-9
D1364	D-9	Q909	E-15
D1366	E-3	Q1001	H-9
D1367	E-2	Q1002	H-9
D1382	H-3	Q1101	F-10
D1391	H-4	Q1131	G-7
D1701	D-6	Q1151	G-10
D1702	D-7	Q1181	G-7
D1851	C-4	Q1201	C-19
D1852	C-4	Q1204	L-2
D1853	C-4	Q1205	L-3
D2101	B-26	Q1206	L-4
D2102	C-27	Q1251	C-23
D2103	C-27	Q1301	J-10
IC1	H-17	Q1302	K-10
IC2	H-16	Q1303	K-10
IC3	H-14	Q1321	K-9
IC51	J-15	Q1361	E-3
IC903	C-16	Q1362	D-3
IC904	D-14	Q1363	E-5
IC905	B-13	Q1364	D-3
IC906	C-12	Q1801	H-8
IC1001	K-12	Q1851	C-4
IC1002	H-11	Q2101	D-28
IC1101	F-11	Q2102	C-28
IC1131	F-8	Q2151	D-26
IC1201	D-21	Q2152	C-26

6-9. SCHEMATIC DIAGRAM — MAIN SECTION —

- See page 62 for IC Block Diagrams. (IC1002, 1101, 1131, 1202, 1351, 1901)
- See page 18 for IC Pin Functions. (IC1501)

1 2 3 4 5 6 7 8 9 10 11 12

A

B

C

D

E

F

G

H

I

J

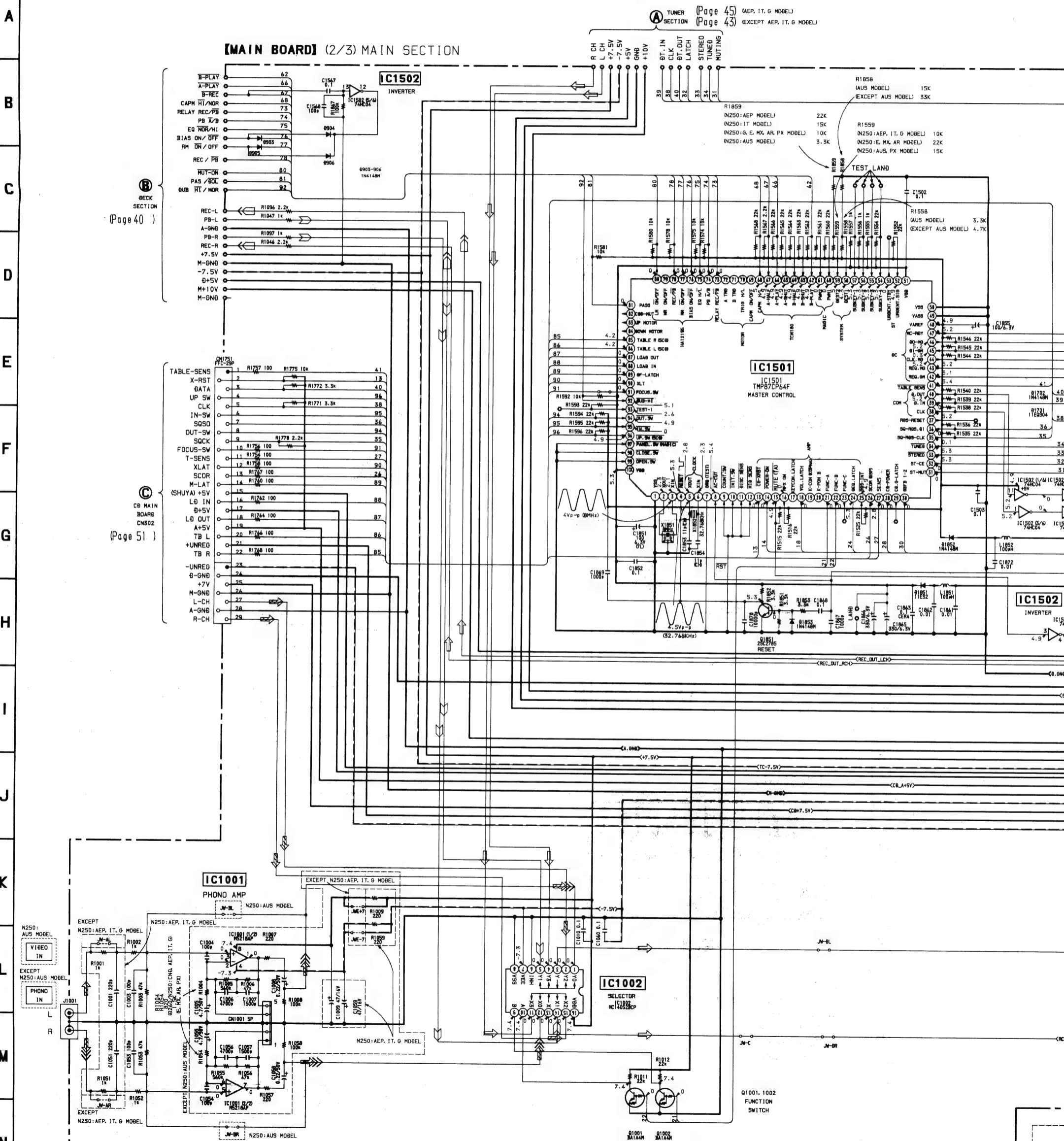
K

L

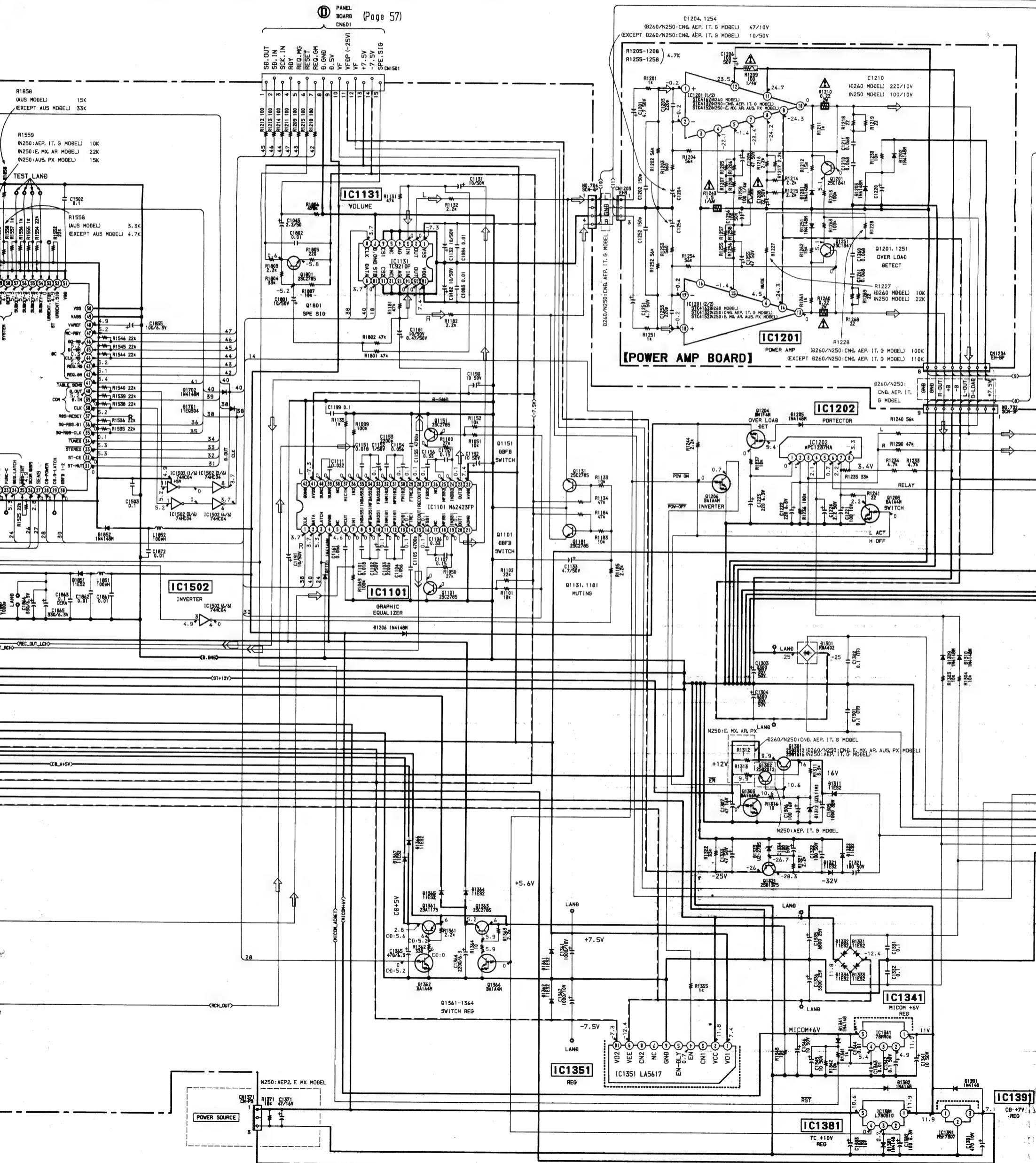
M

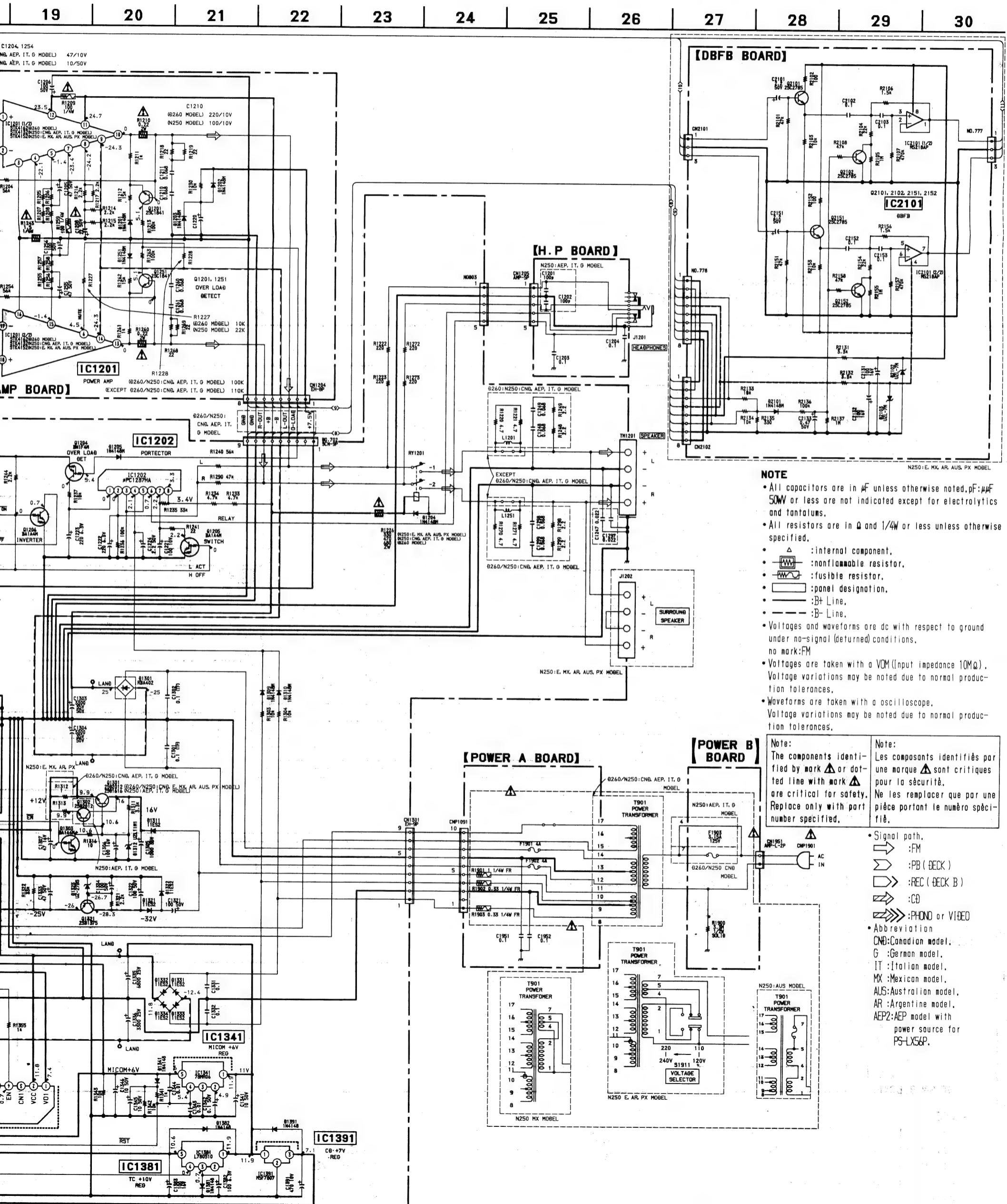
N

MAIN BOARD (2/3) MAIN SECTION



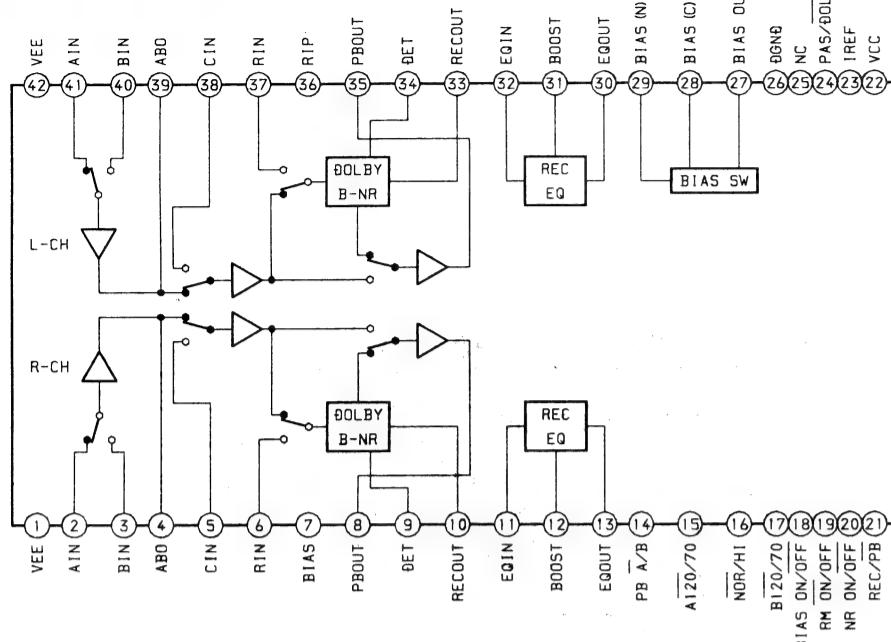
D PANEL
BOARD
P.M.D. (Page 57)



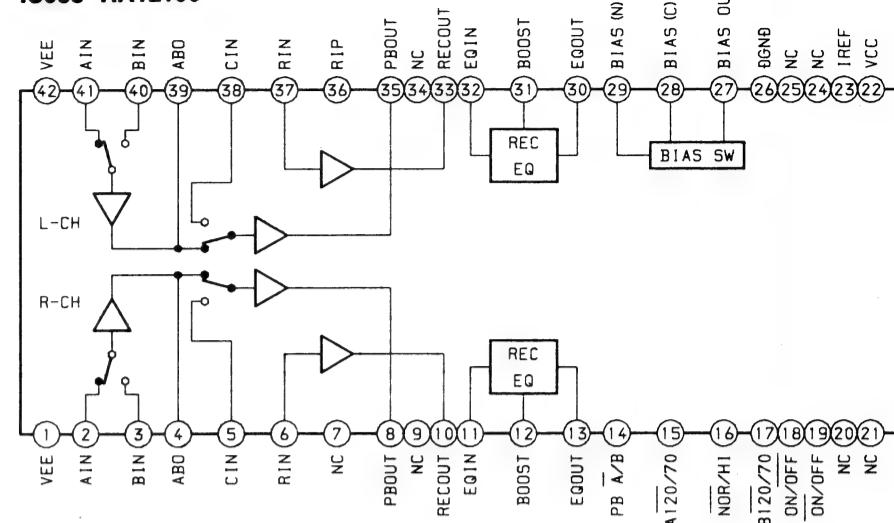


• IC Block Diagrams.

IC903 HA12195

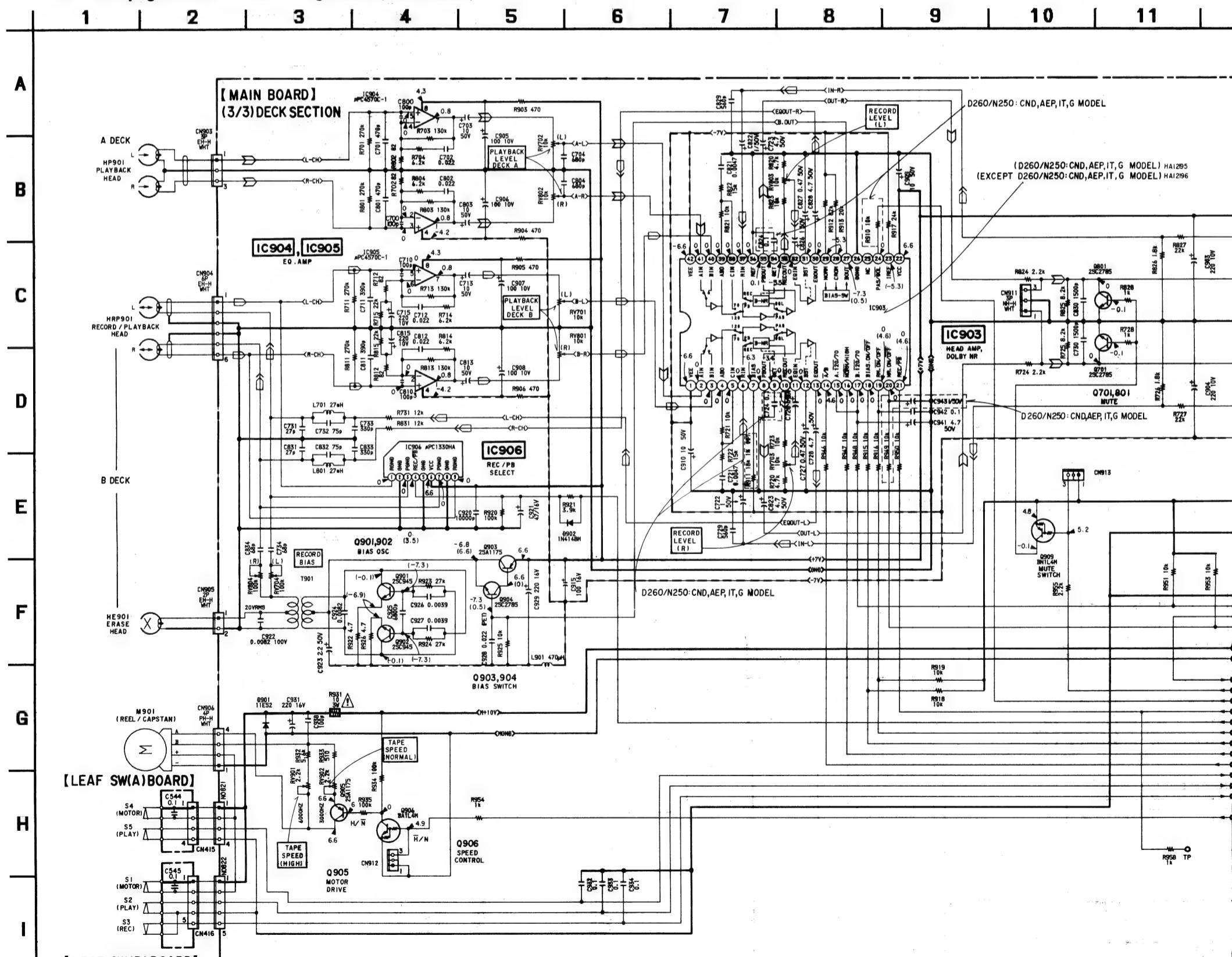


IC903 HA12196



6-10. SCHEMATIC DIAGRAM — DECK SECTION —

• Refer to page 31 for Printed Wiring Board (Main Board).



NOTE

- All capacitors are in μF unless otherwise noted. μF : μF 50V or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

- $\%$: indicates tolerance.
- \square : nonflammable resistor.
- \square : panel designation.

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

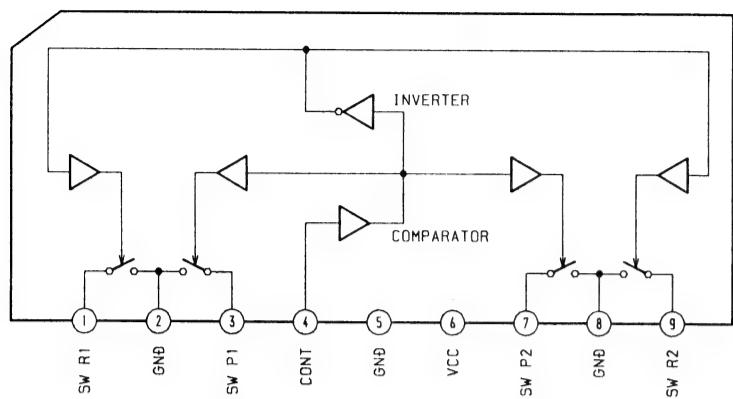
Note:

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• Voltages and waveforms

under no-signal condition: \square :PLAY () :REC

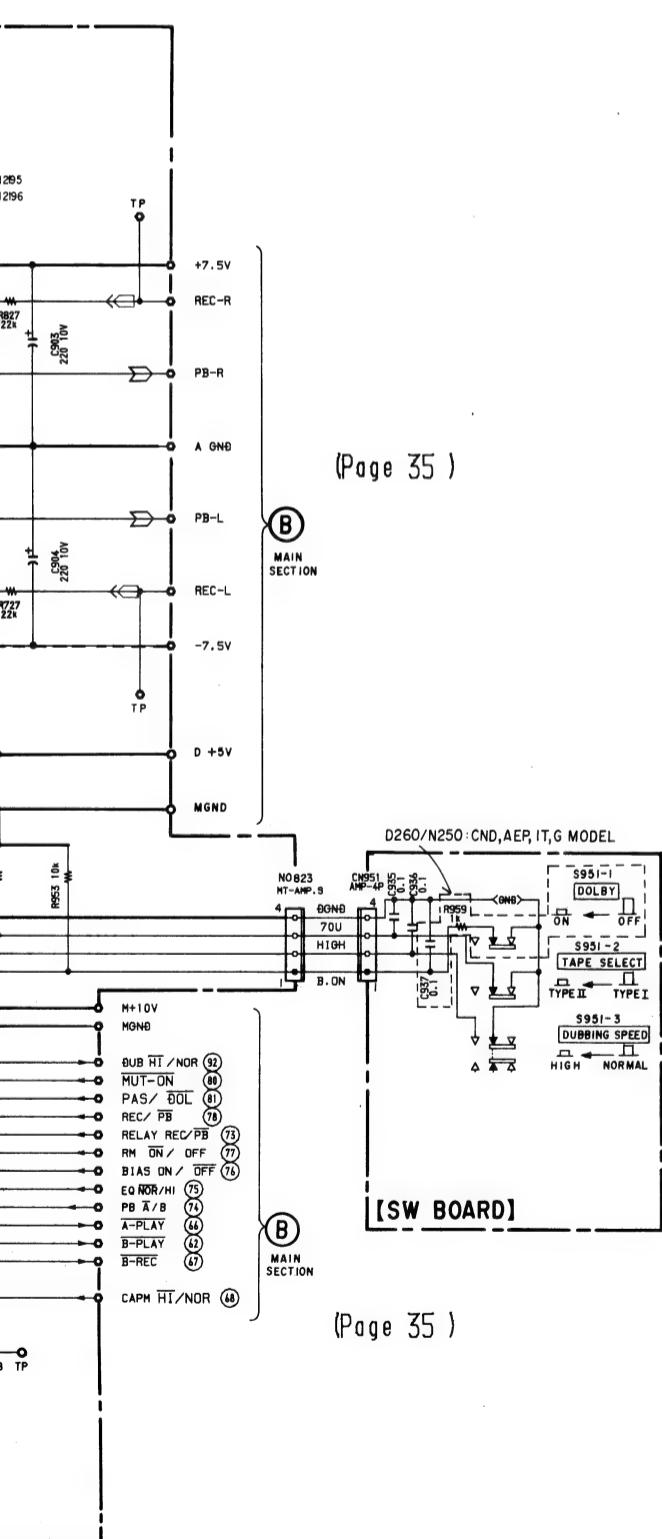
• Voltages are taken at the following points: \square :Voltage variations



12 | 13 | 14 | 15 | 16

- Signal path.

	:PB (DECK A)
	:PB (DECK B)
	:REC (DECK B)



(Page 35)

and waveforms are dc with respect to ground-signal conditions.

PLAY
REC

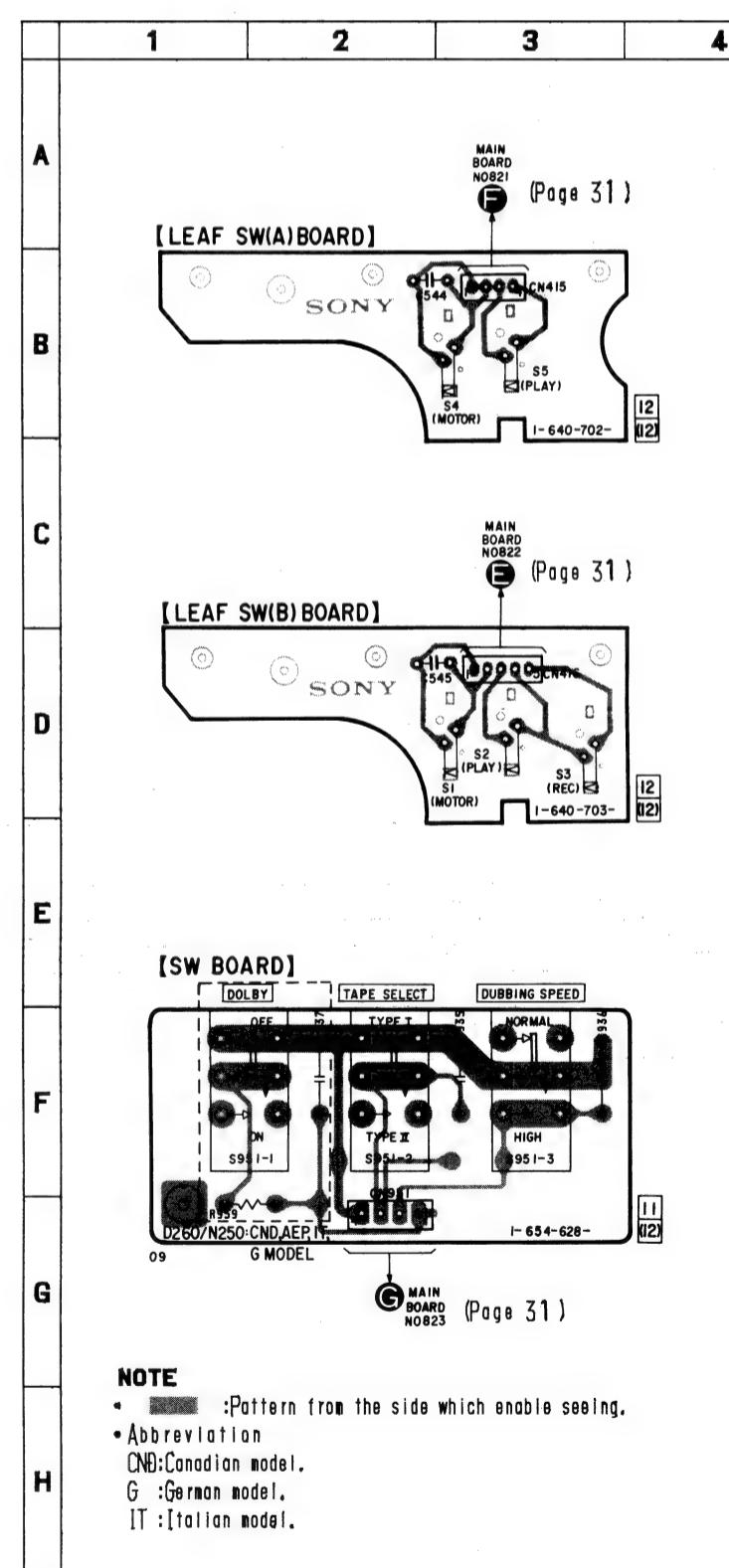
RET

are taken with a VOM (input impedance 1M Ω).
variations may be noted due to normal produc-
erances. **10**

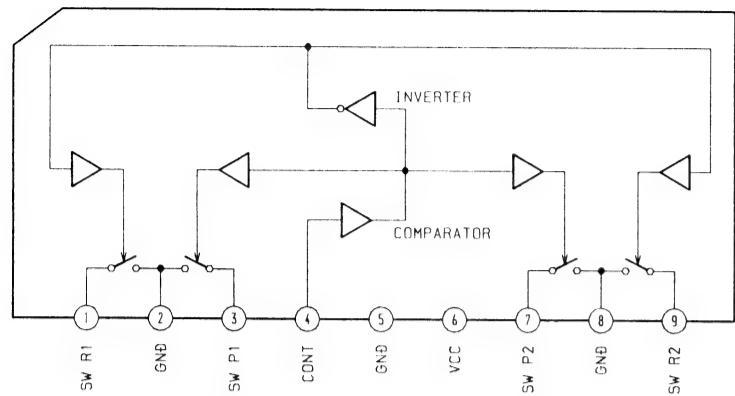
- _____ :B+ Line.
- _____ :B- Line.
- _____ :adjustment for repair.
- Abbreviation
 - CND:Canadian model.
 - G :German model.
 - IT :[italian model].

6-11. PRINTED WIRING BOARD — DECK SECTION —

- See page 17 for Circuit Boards Location.

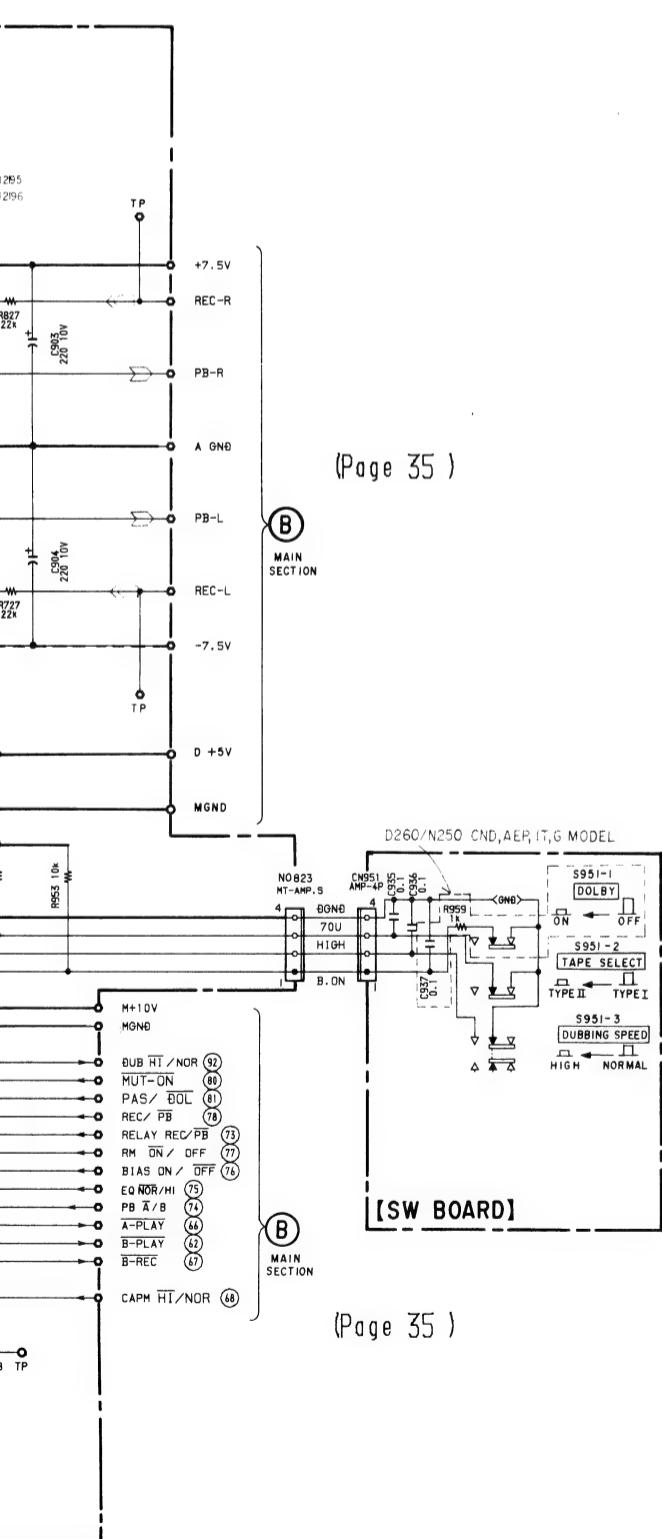


- **NOTE** :Pattern from the side which enable seeing.
- **Abbreviation**
 - CNB:Canadian model.
 - G :German model.
 - IT :Italian model



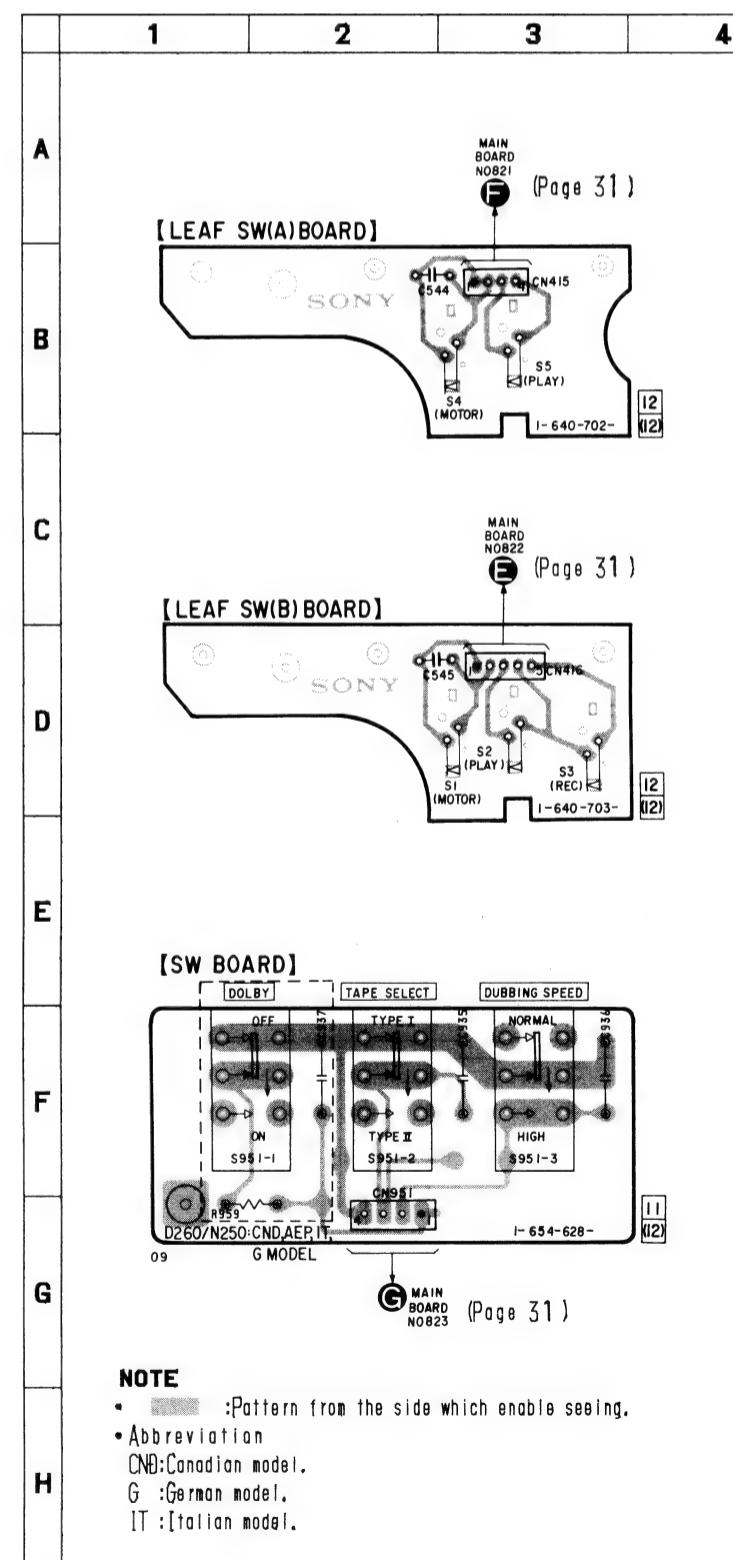
12 13 14 15 16

- Signal path.
 - :PB (DECK A)
 - :PB (DECK B)
 - :REC (DECK B)



6-11. PRINTED WIRING BOARD — DECK SECTION —

• See page 17 for Circuit Boards Location.



NOTE

- : Pattern from the side which enable seeing.
- Abbreviation
 - CND:Canadian model.
 - G :German model.
 - IT :Italian model.

and waveforms are dc with respect to ground
—signal conditions.

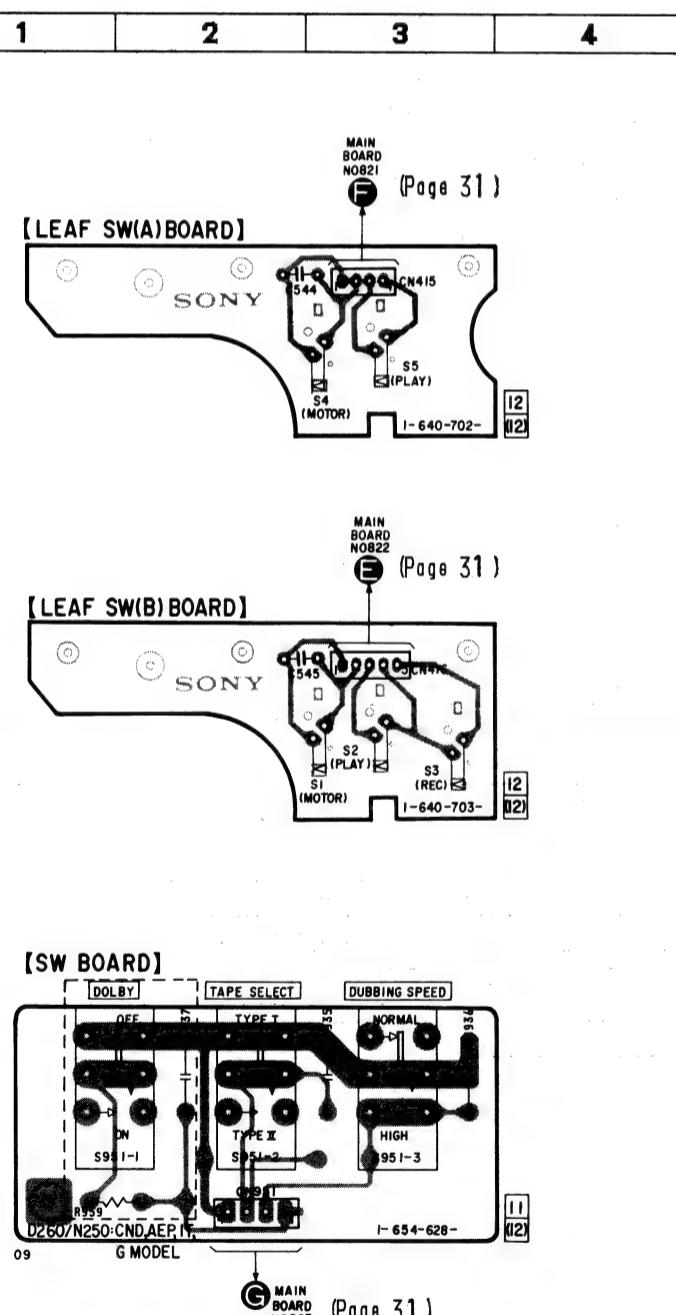
PLAY

REC

are taken with a VOM (input impedance 10M Ω).
variations may be noted due to normal produc-
tions.

- :B+ line.
- :B- line.
- :adjustment for repair.
- Abbreviation
 - CND:Canadian model.
 - G :German model.
 - IT :Italian model.

6-11. PRINTED WIRING BOARD — DECK SECTION —
• See page 17 for Circuit Boards Location.



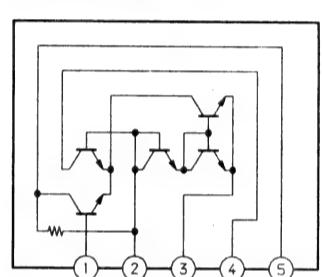
H

NOTE

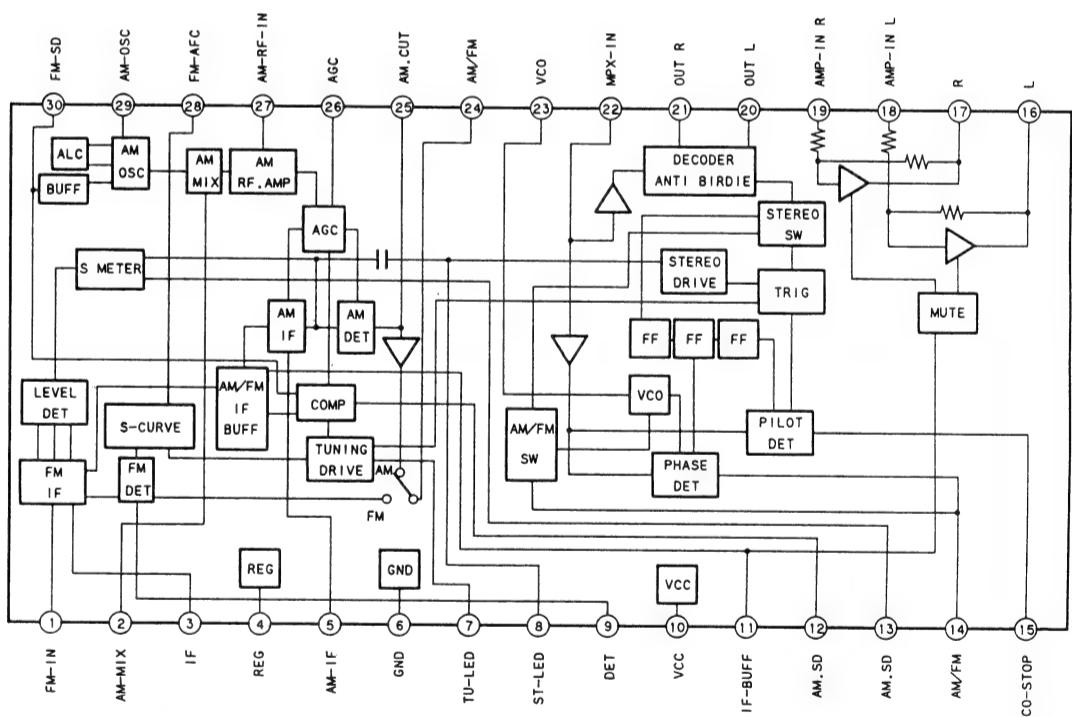
- **■** : Pattern from the side which enable seeing.
- Abbreviation
 - CND: Canadian model.
 - G : German model.
 - IT : Italian model.

• IC Block Diagrams.

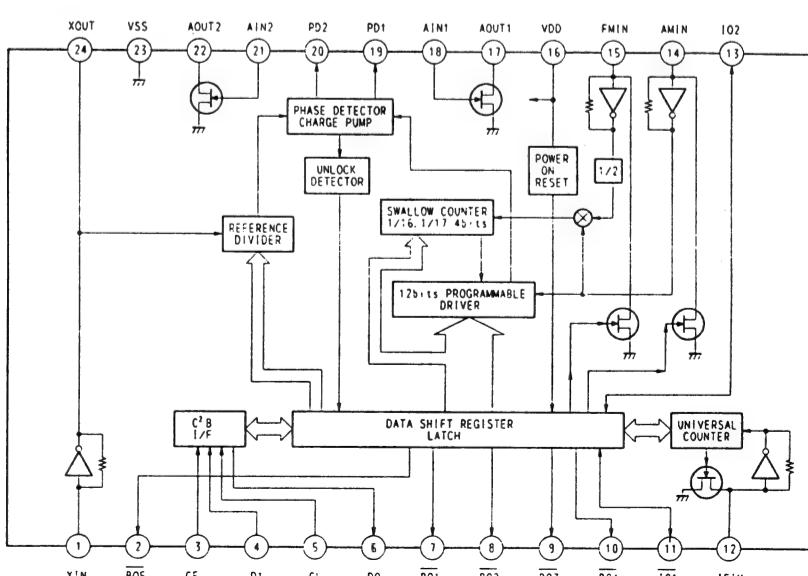
IC1, 2 TA7060AP



IC3 LA1835

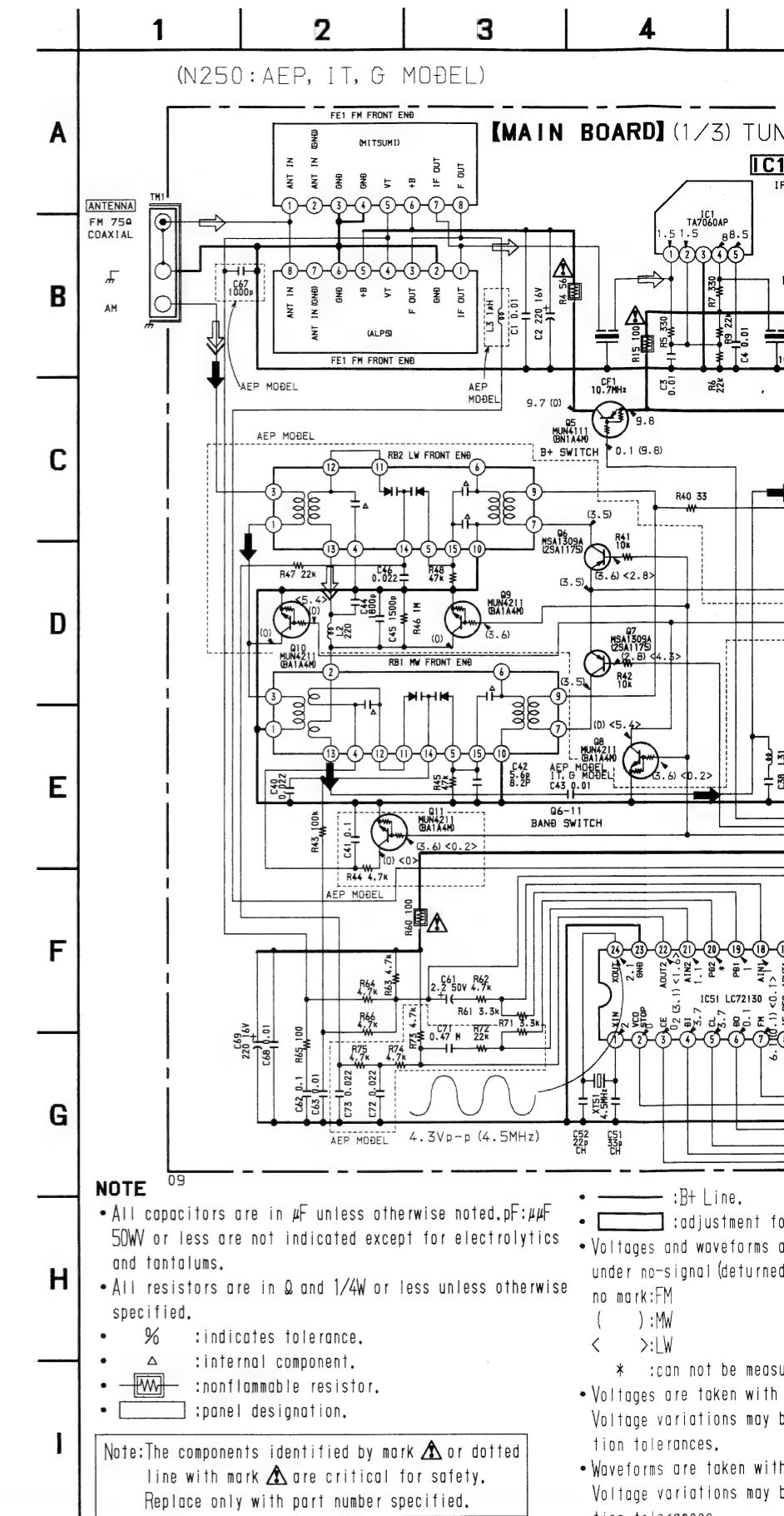
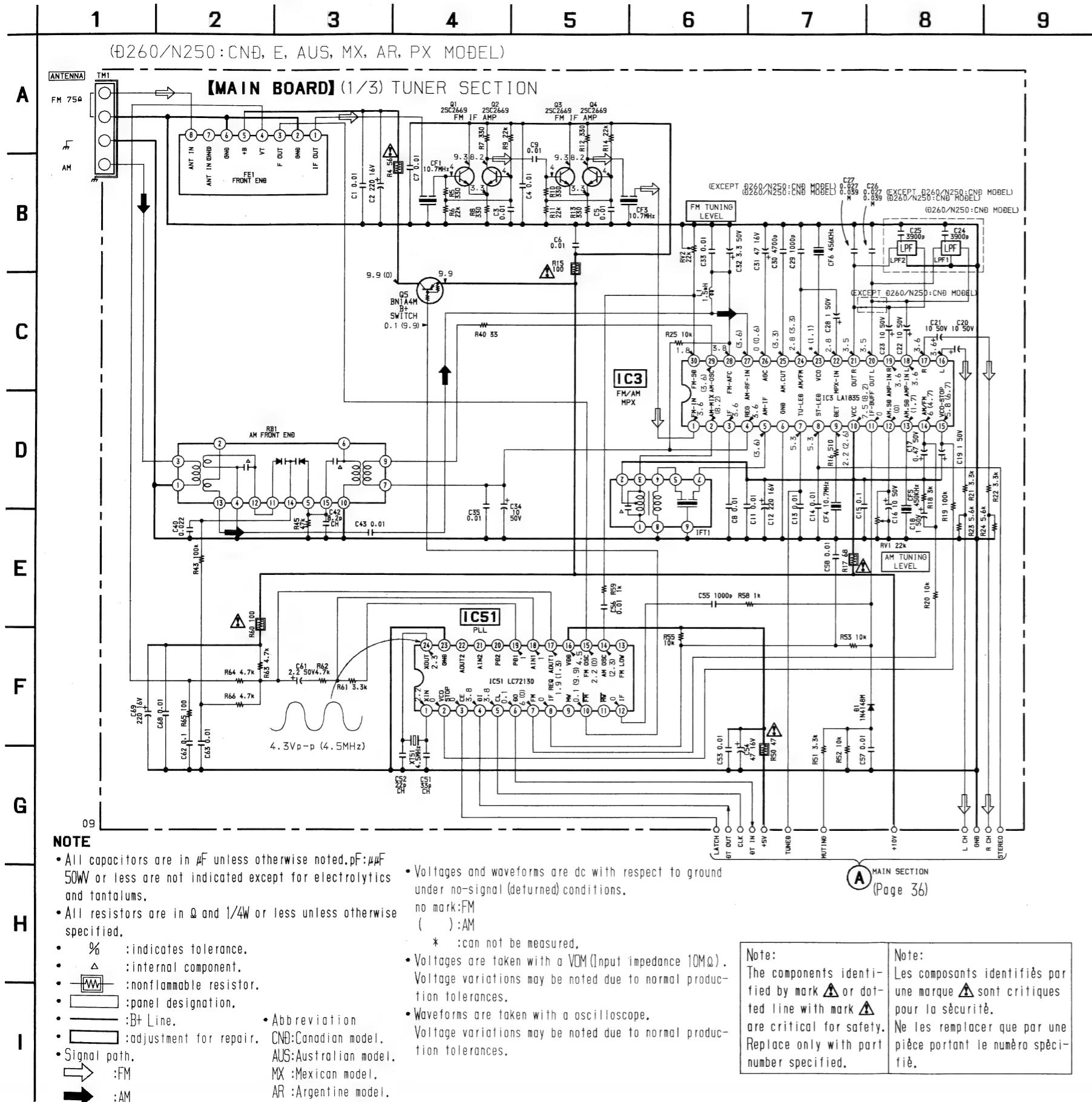


IC51 LC72130



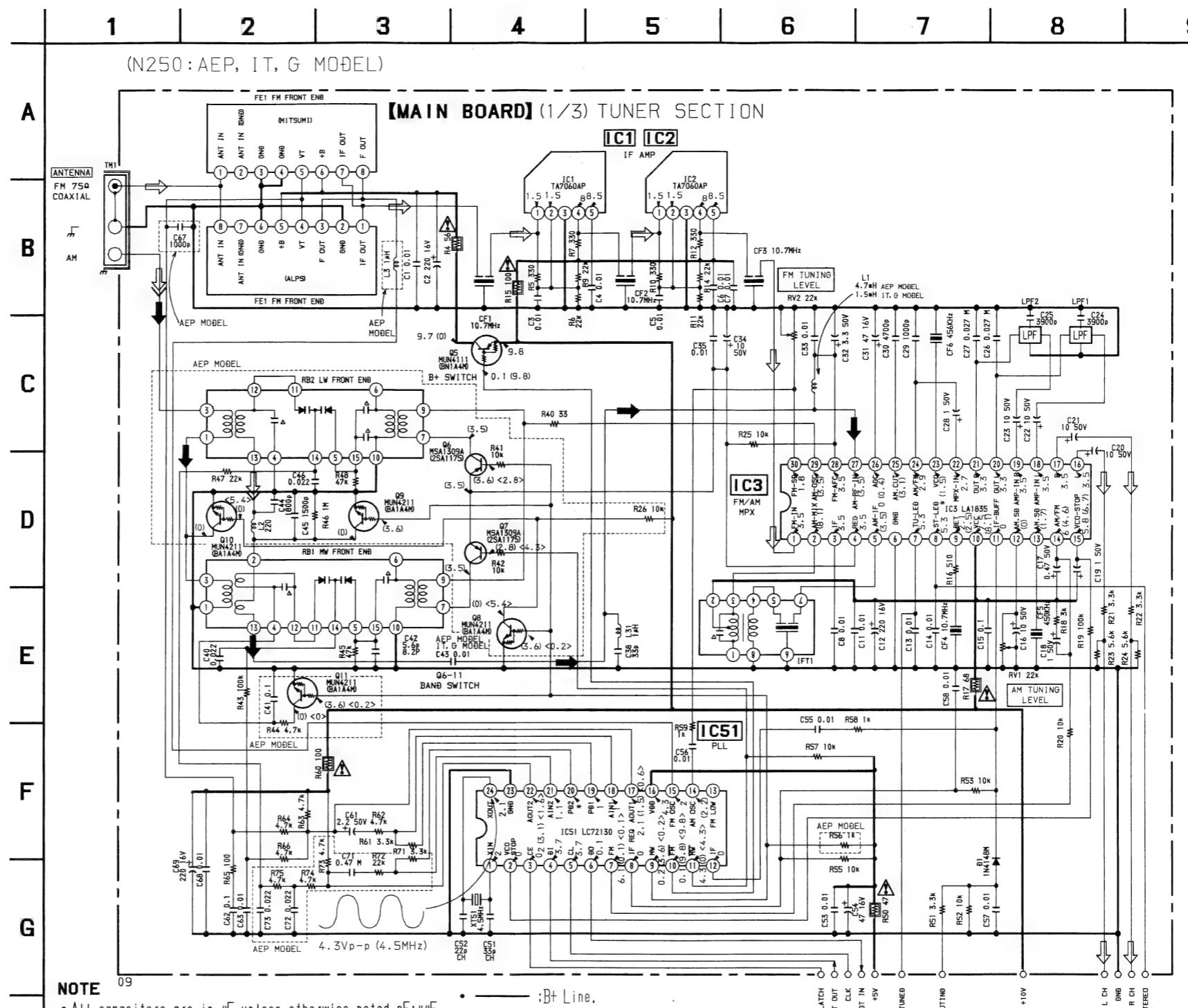
6-12. SCHEMATIC DIAGRAM — TUNER SECTION —

- Refer to page 31 for Printed Wiring Board (Main Board).
- See page 42 for IC Block Diagrams. (IC1, 2, 3, 51)



7 8 9

(N250: AEP, IT, G MODEL)



NOTE

- All capacitors are in μF unless otherwise noted. μF 50V or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.

- $\% \triangle$: indicates tolerance.
- \triangle : internal component.
- W : nonflammable resistor.
- \square : panel designation.

Note: The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Note:
The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ : B+ Line.
- \square : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.

no mark: FM

() : MW

< > : LW

* : can not be measured.

- Voltages are taken with a VOM (Input impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.

- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.

A MAIN SECTION
(Page 36)

- Abbreviation
 - G : German model.
 - IT : Italian model.
 - Signal path.
 - \uparrow : FM
 - \downarrow : MW
 - \Rightarrow : LW

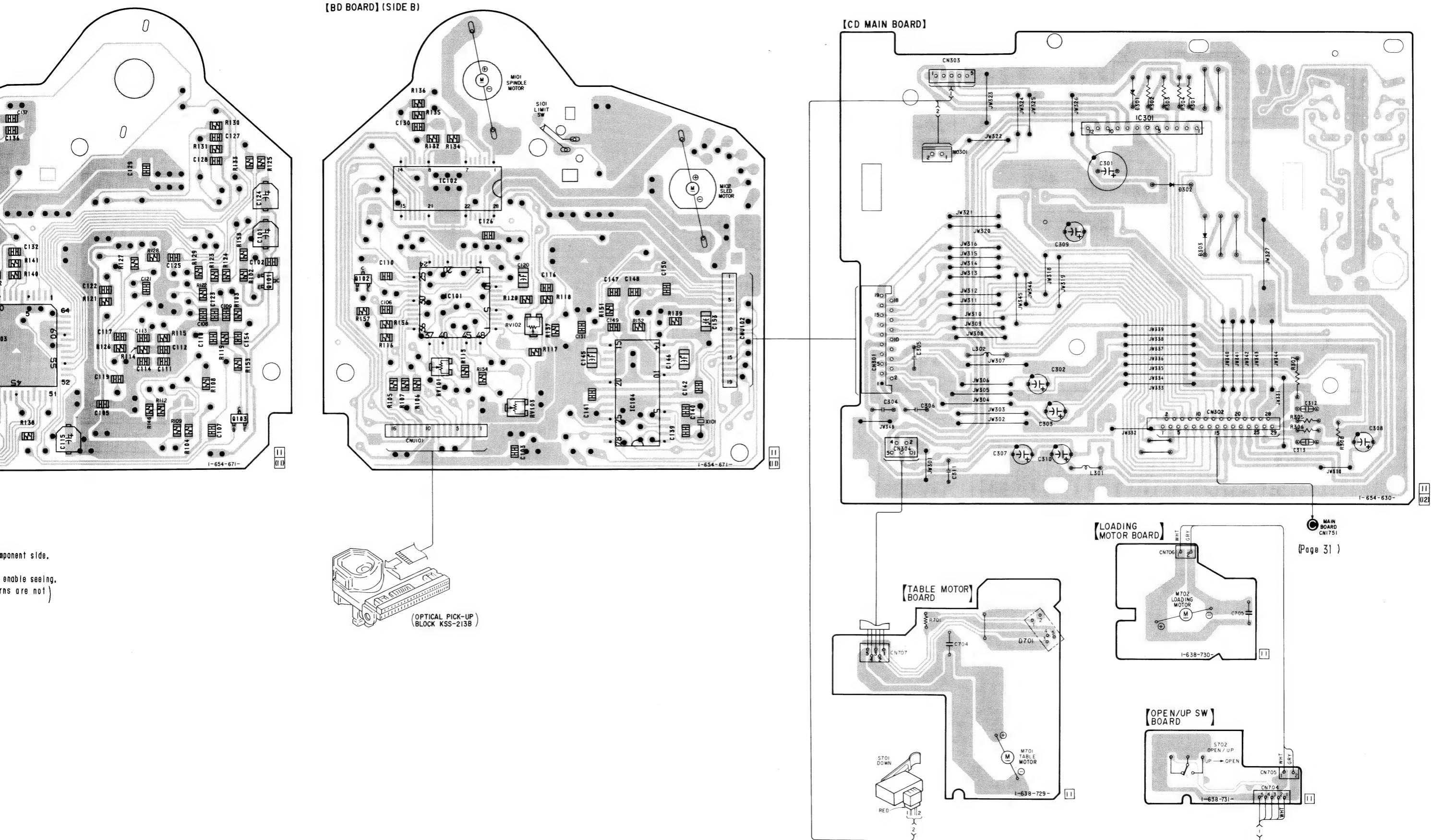
6-13. PRINTED WIRING BOARD — CD SECTION —

- See page 17 for Circuit Boards Location.
- See page 64 for Semiconductor Lead Layouts

- Semiconductor Location

Ref. No.	Location
D301	B-17
D302	C-18
D303	D-18
D701	I-16
IC101	D-9
IC102	C-8
IC103	E-3
IC104	F-11
IC301	B-17
Q101	D-6
Q102	D-7
Q103	F-6

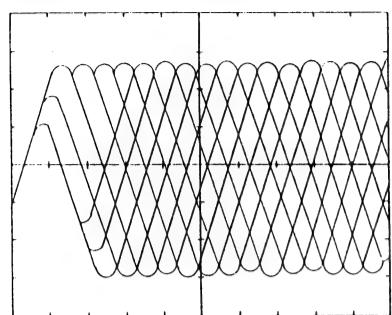




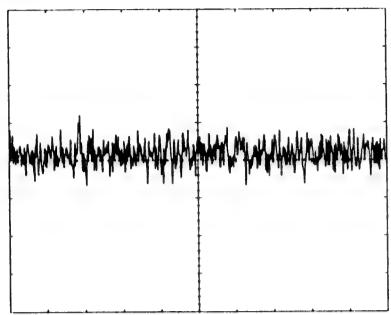
6-14. SCHEMATIC DIAGRAM — CD SECTION —

• Waveforms.

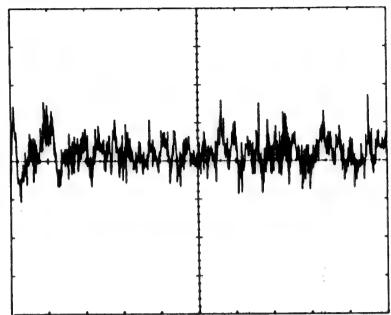
1 IC101 ③ 1.4Vp-p



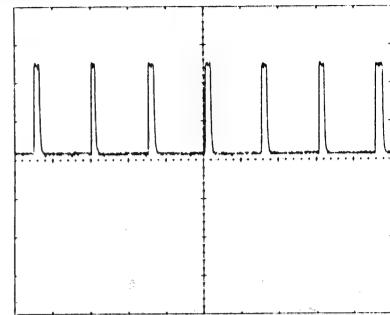
2 IC101 ④ 8mVp-p 0.2ms/DIV



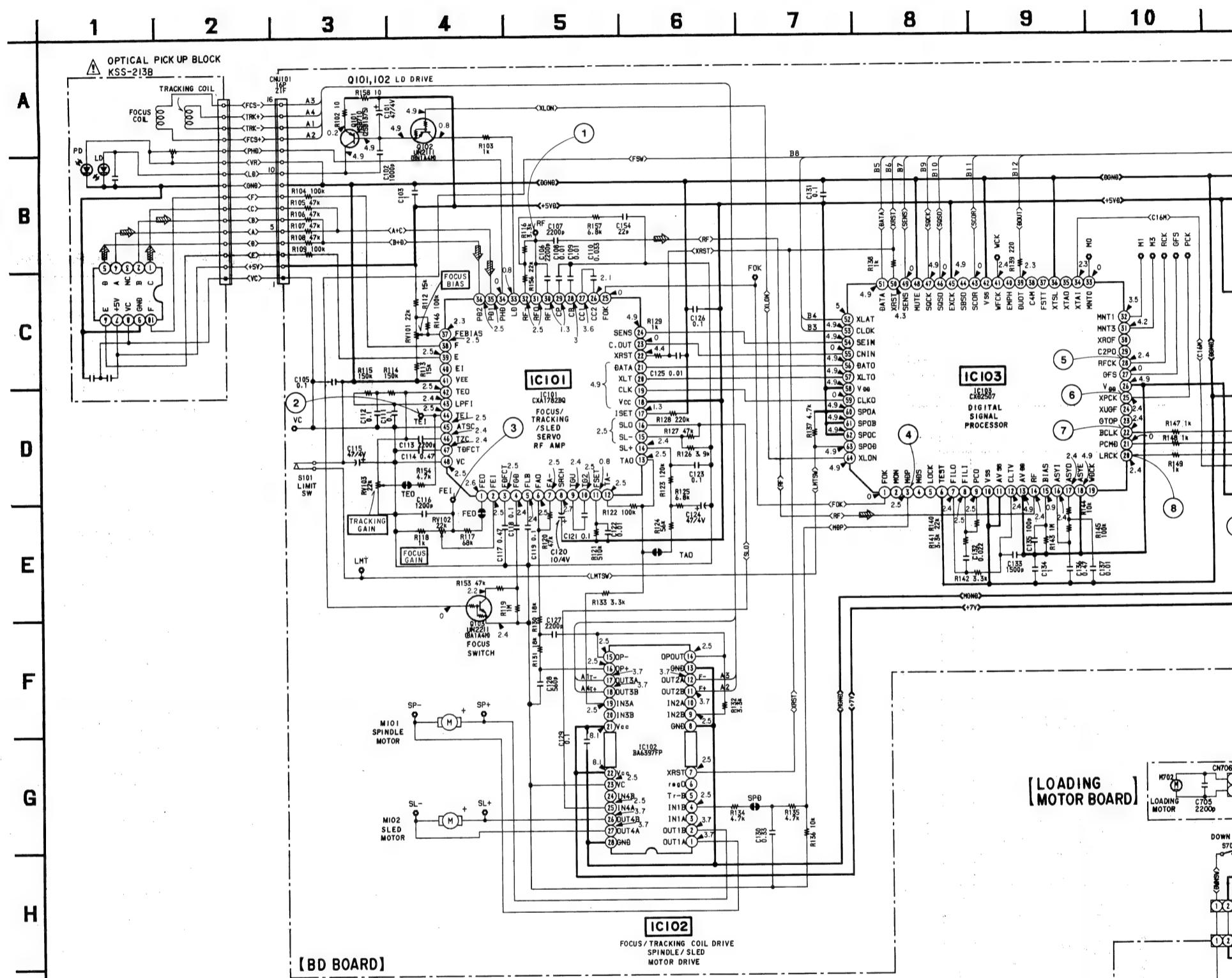
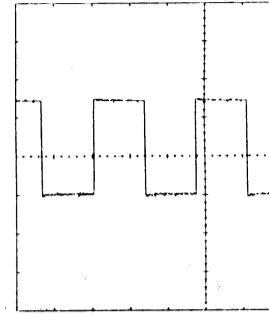
3 IC101 ② 20mVp-p 2ms/DIV



4 IC103 ③ 2.4Vp-p 7.5μsec



5 IC103 ② 5.1Vp-p



NOTE

- All capacitors are in μF unless otherwise noted. pF: μF 50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- : B+ Line.
- : B- Line.
- : Adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions. no mark: STOP (CD)
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

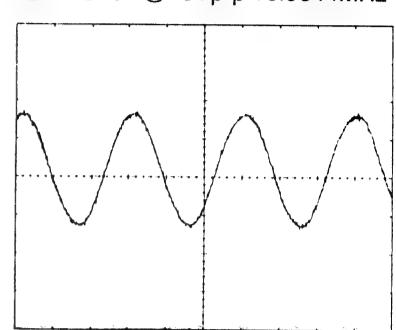
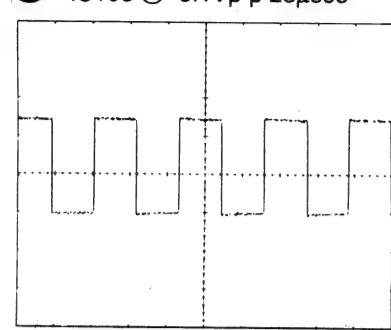
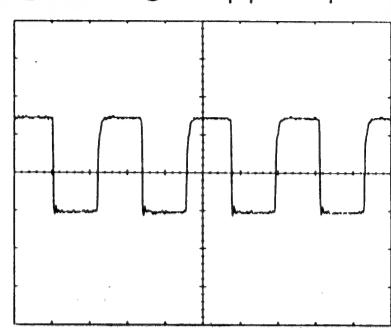
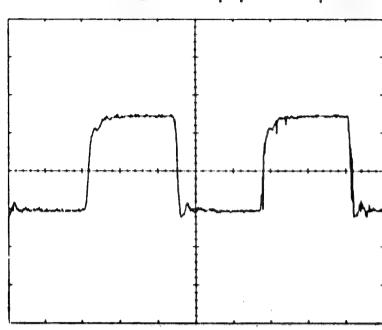
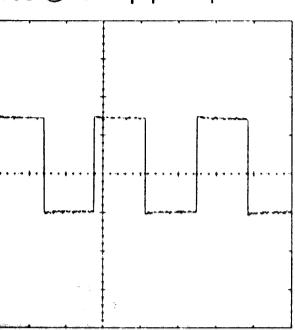
103 ② 5.1Vp-p 137μsec

6 IC103 ② 5.1Vp-p 232.7μsec

7 IC103 ② 5.1Vp-p 472.7μsec

8 IC103 ② 5.1Vp-p 23μsec

9 IC104 ⑤ 3Vp-p 16.9344MHz



10

11

12

13

14

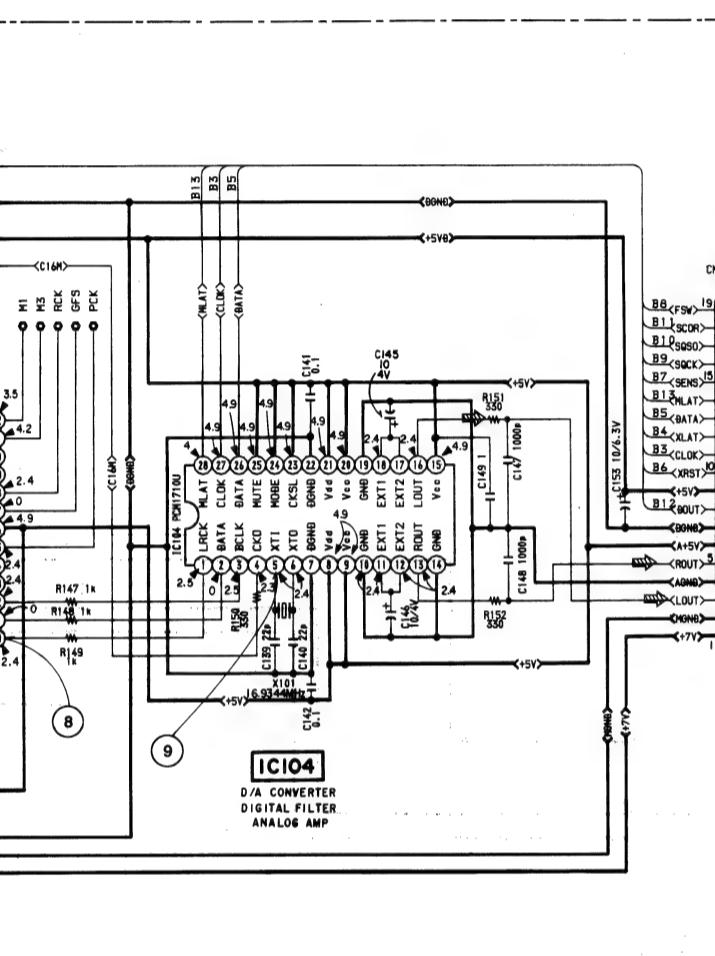
15

16

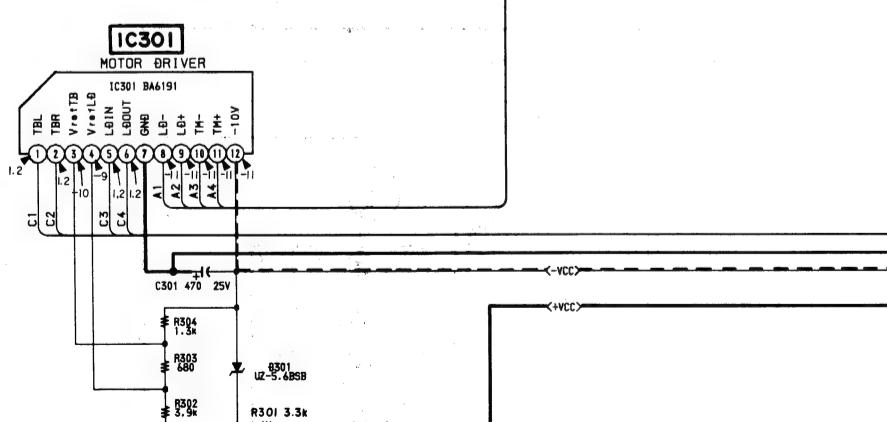
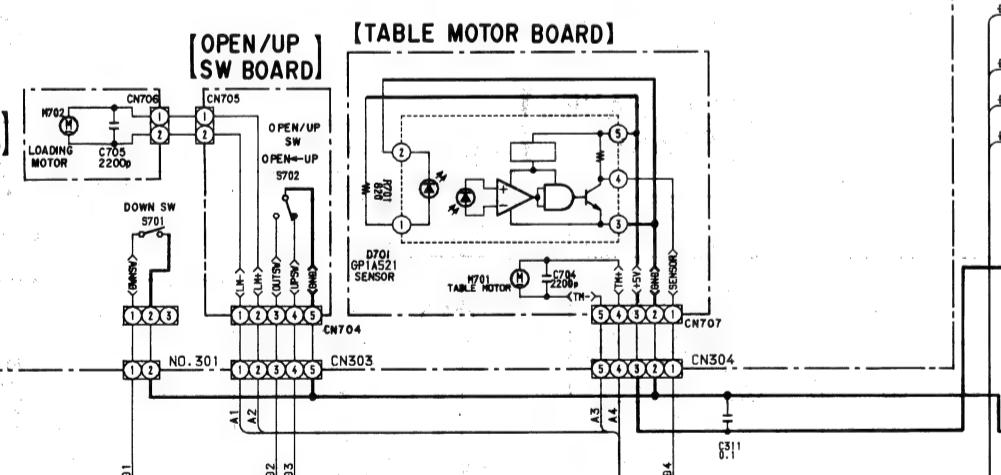
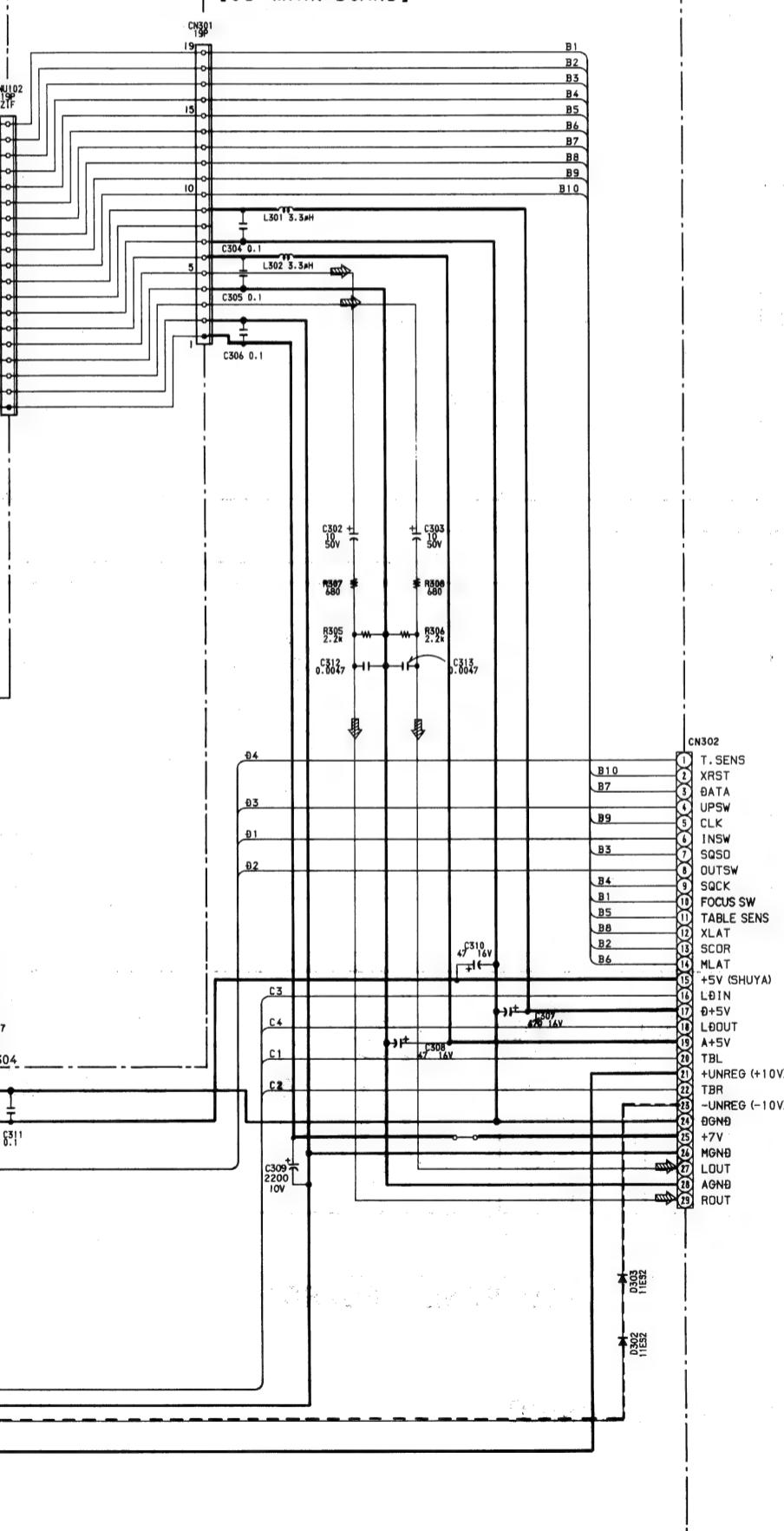
17

18

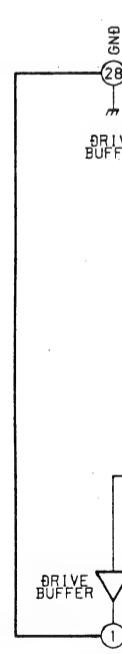
19



[CD MAIN BOARD]

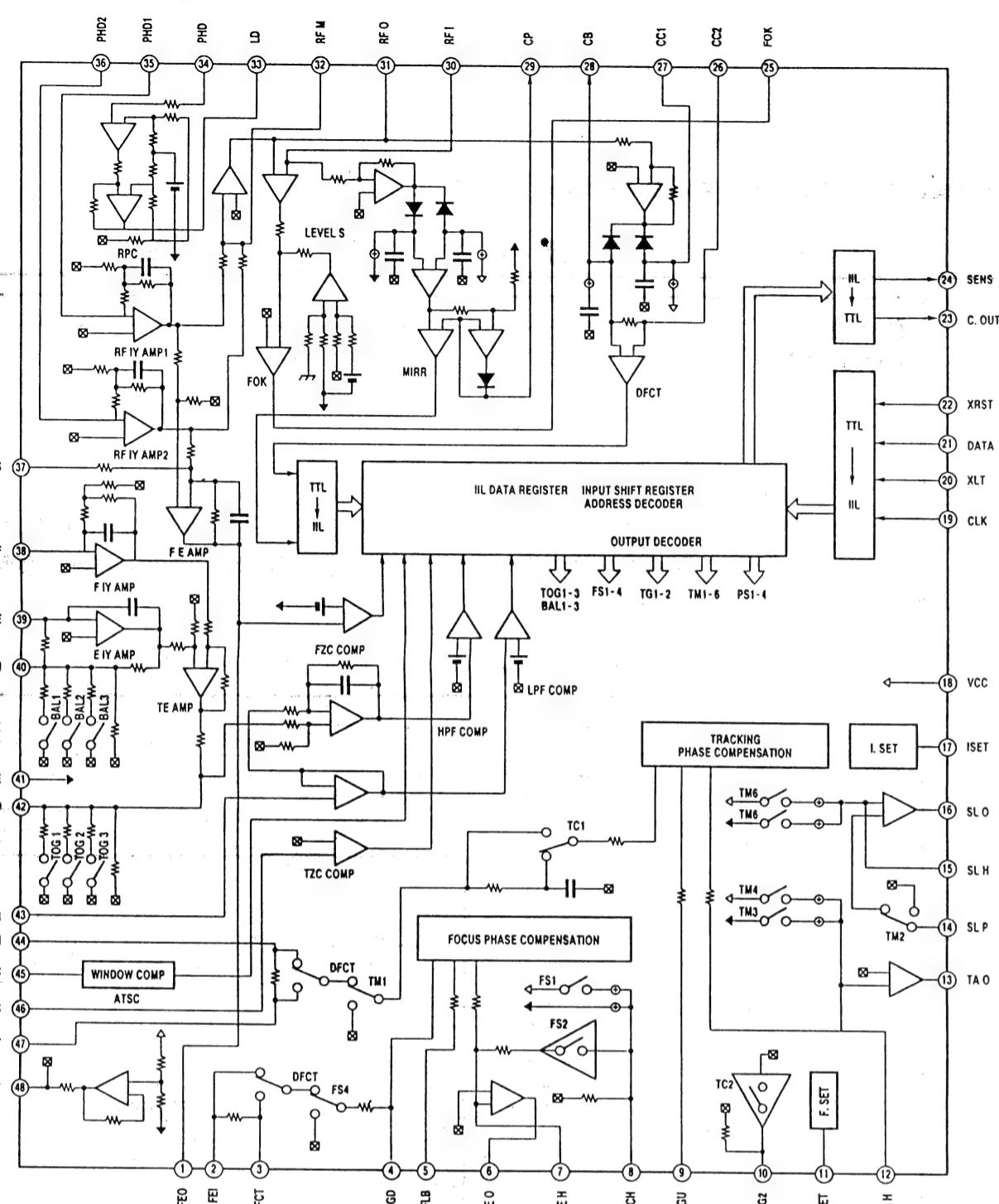


IC102 BA

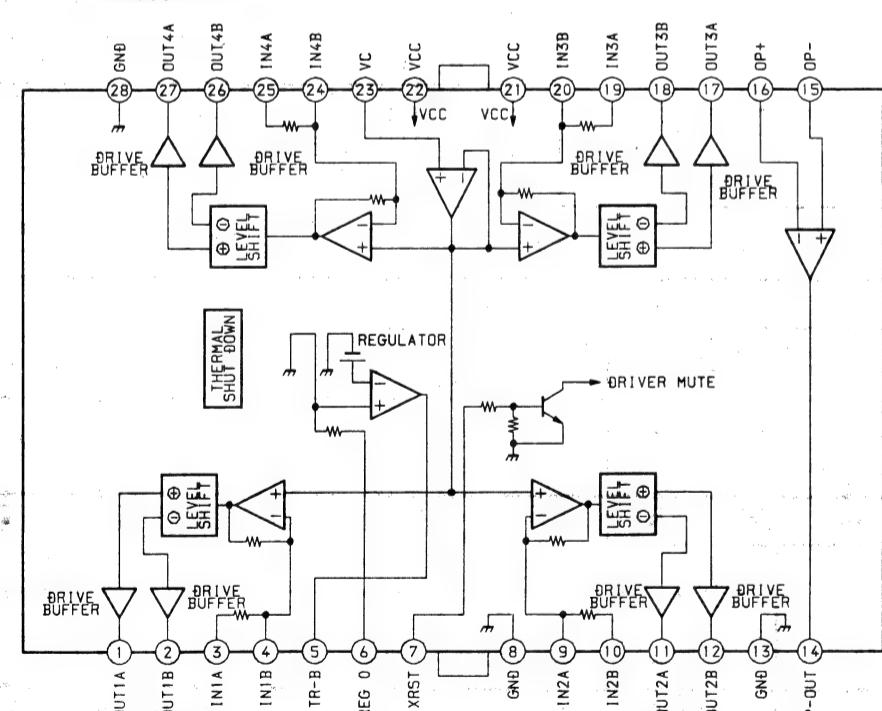
(Page
35)

- **IC Block Diagrams.**

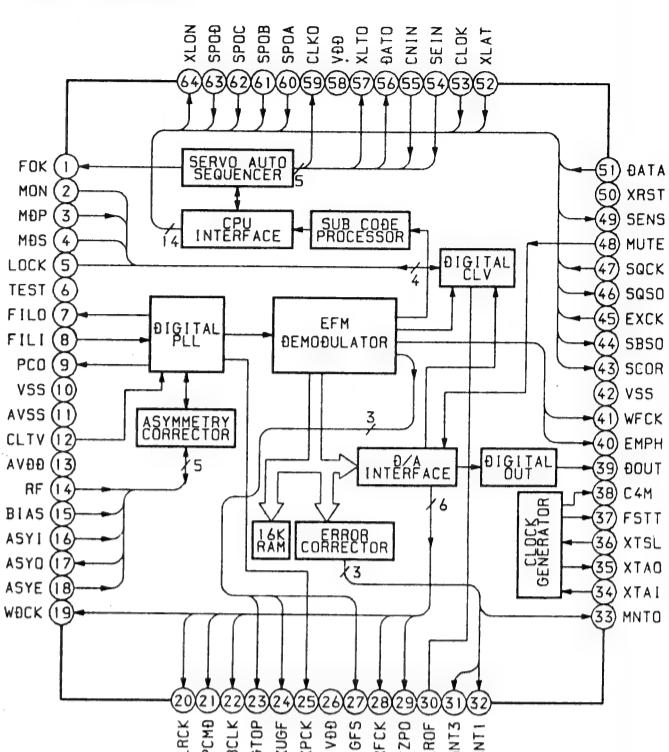
IC101 CXA1782BQ



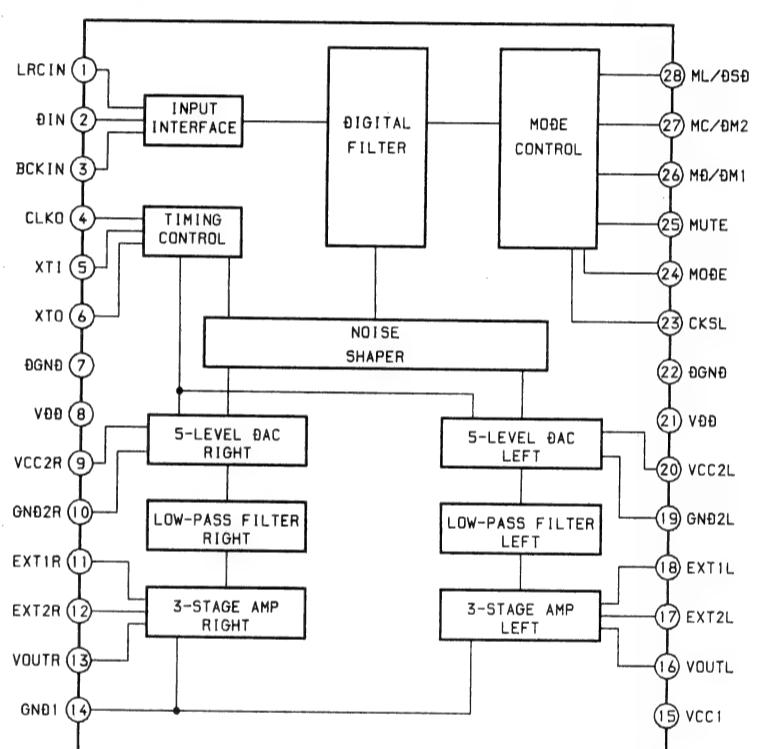
IC102 BA6397FP



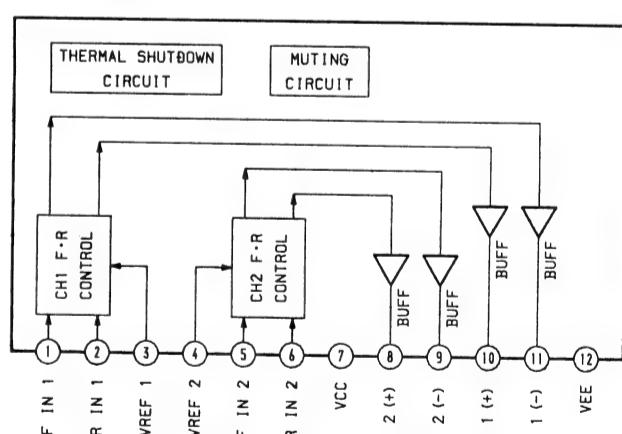
IC103 CXD2507



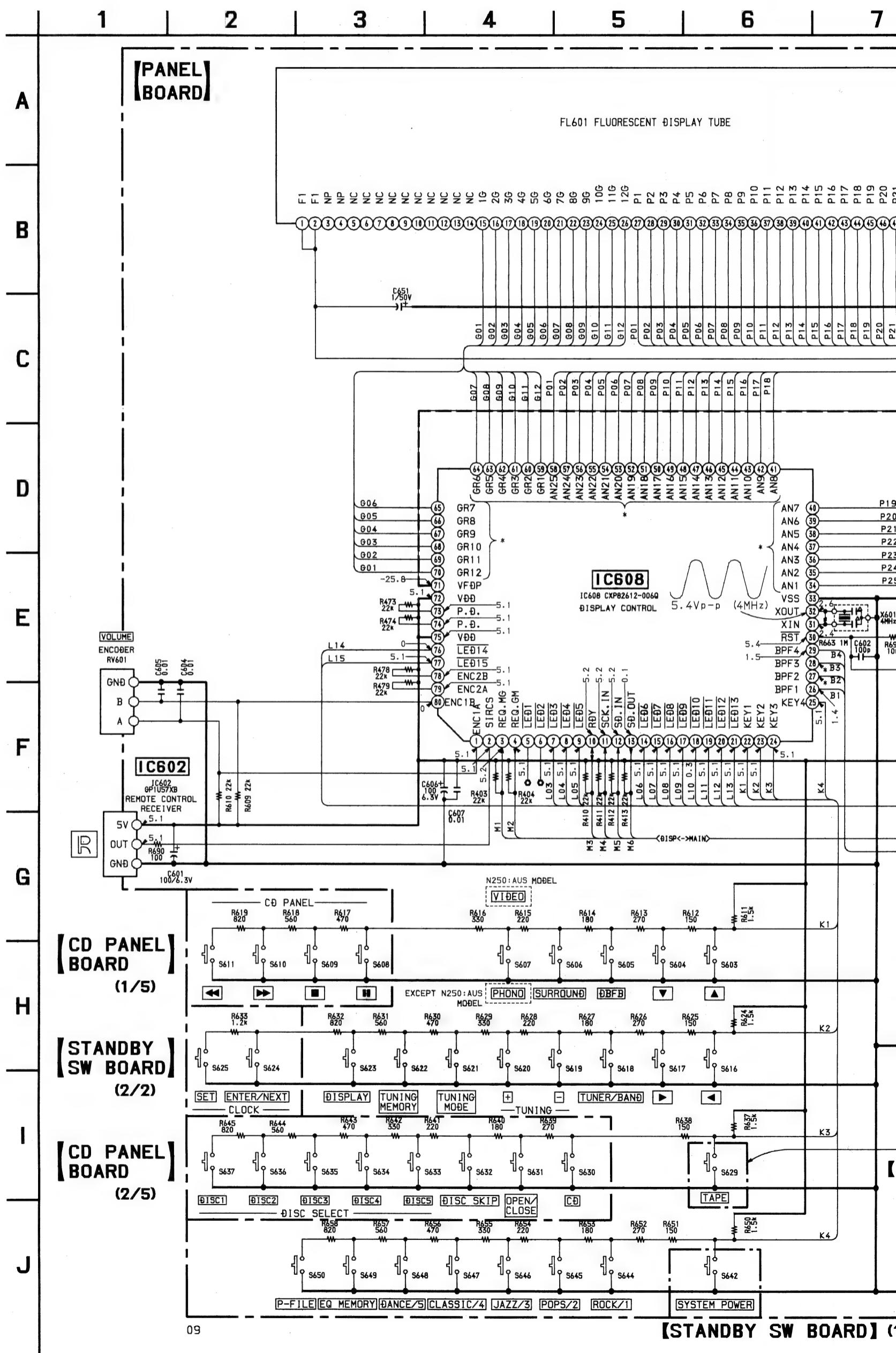
IC104 PCM1710U



IC301 BA6191



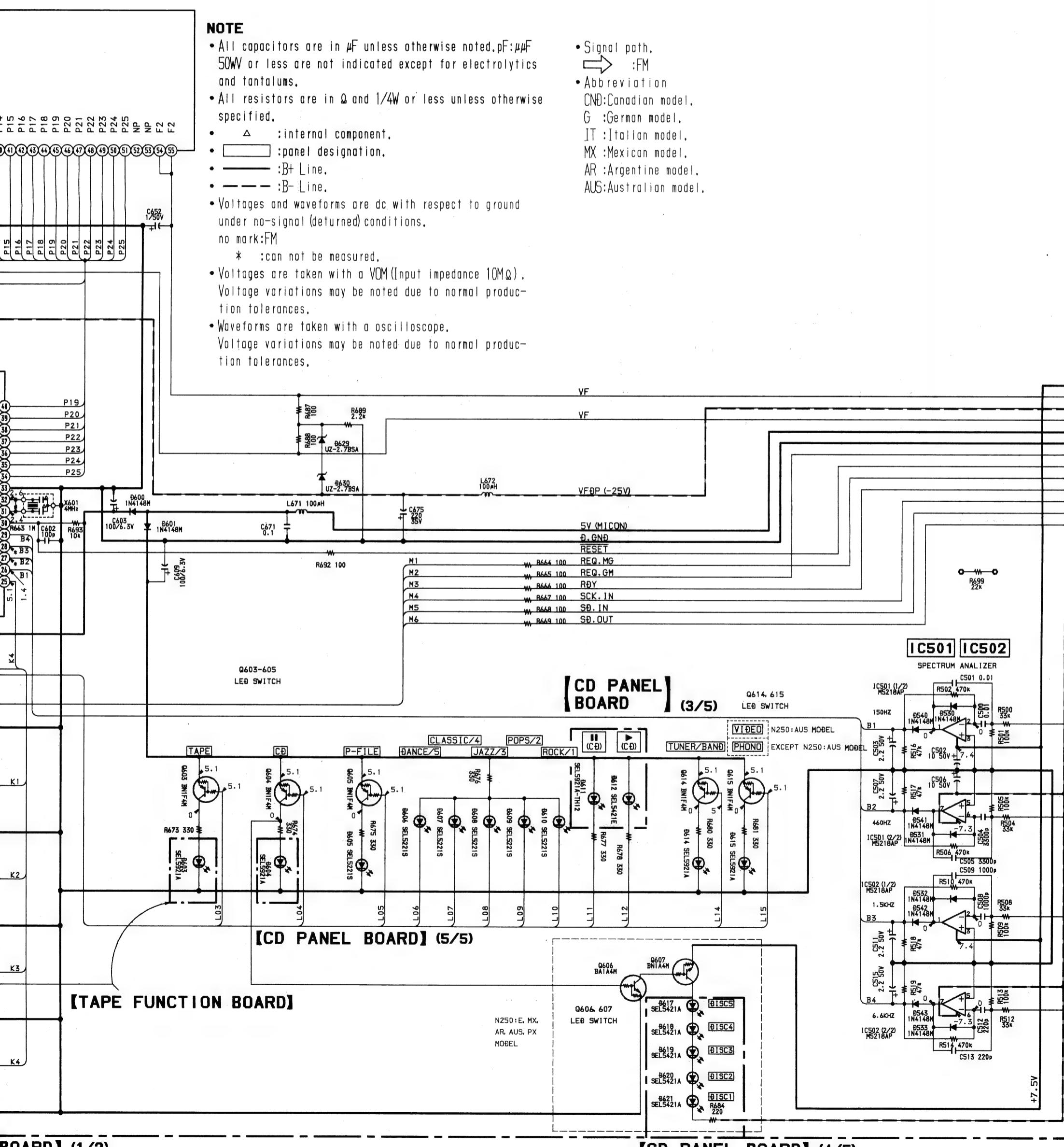
6-15. SCHEMATIC DIAGRAM — PANEL SECTION —

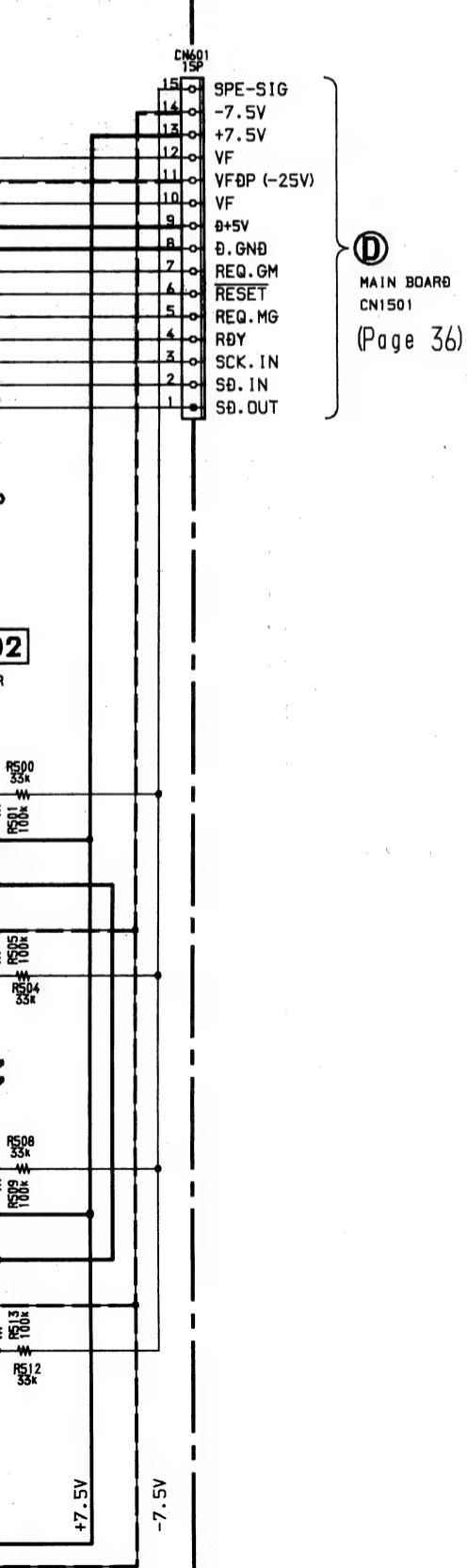


NOTE

- All capacitors are in μF unless otherwise noted. $\text{pF} : \mu\mu\text{F}$
50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- Δ : internal component.
-  : panel designation.
-  : B+ Line.
-  : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (deturned) conditions.
no mark: FM
* : can not be measured.
- Voltages are taken with a VOM (Input impedance 10M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.

- Signal path.
→ :FM
- Abbreviation
 - CND:Canadian model.
 - G :German model.
 - IT :Italian model.
 - MX :Mexican model.
 - AR :Argentine model.
 - AUS:Australian model.



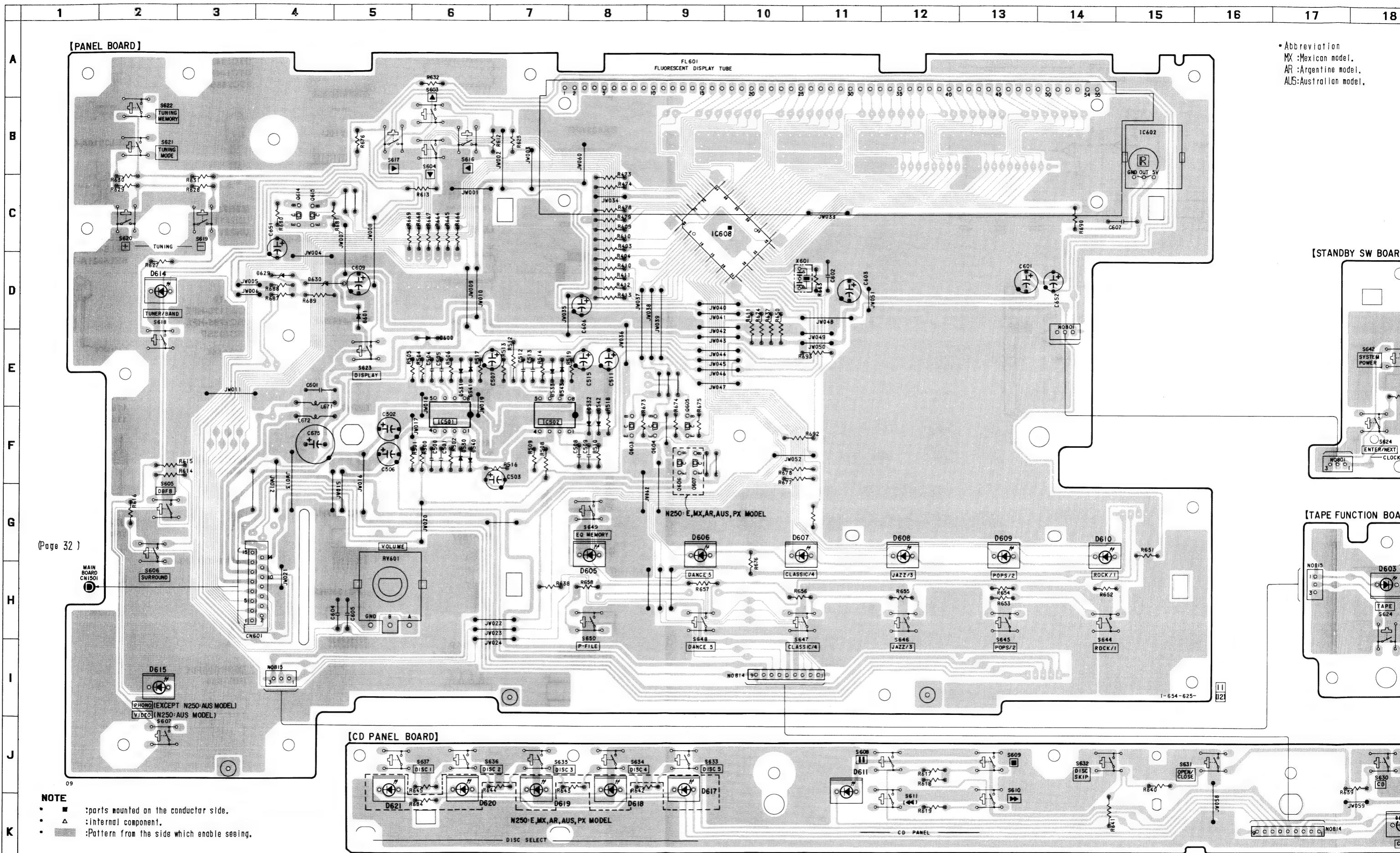


• IC608 GRAPHIC CONTROL (CXP82612-006Q) IC PIN FUNCTIONS

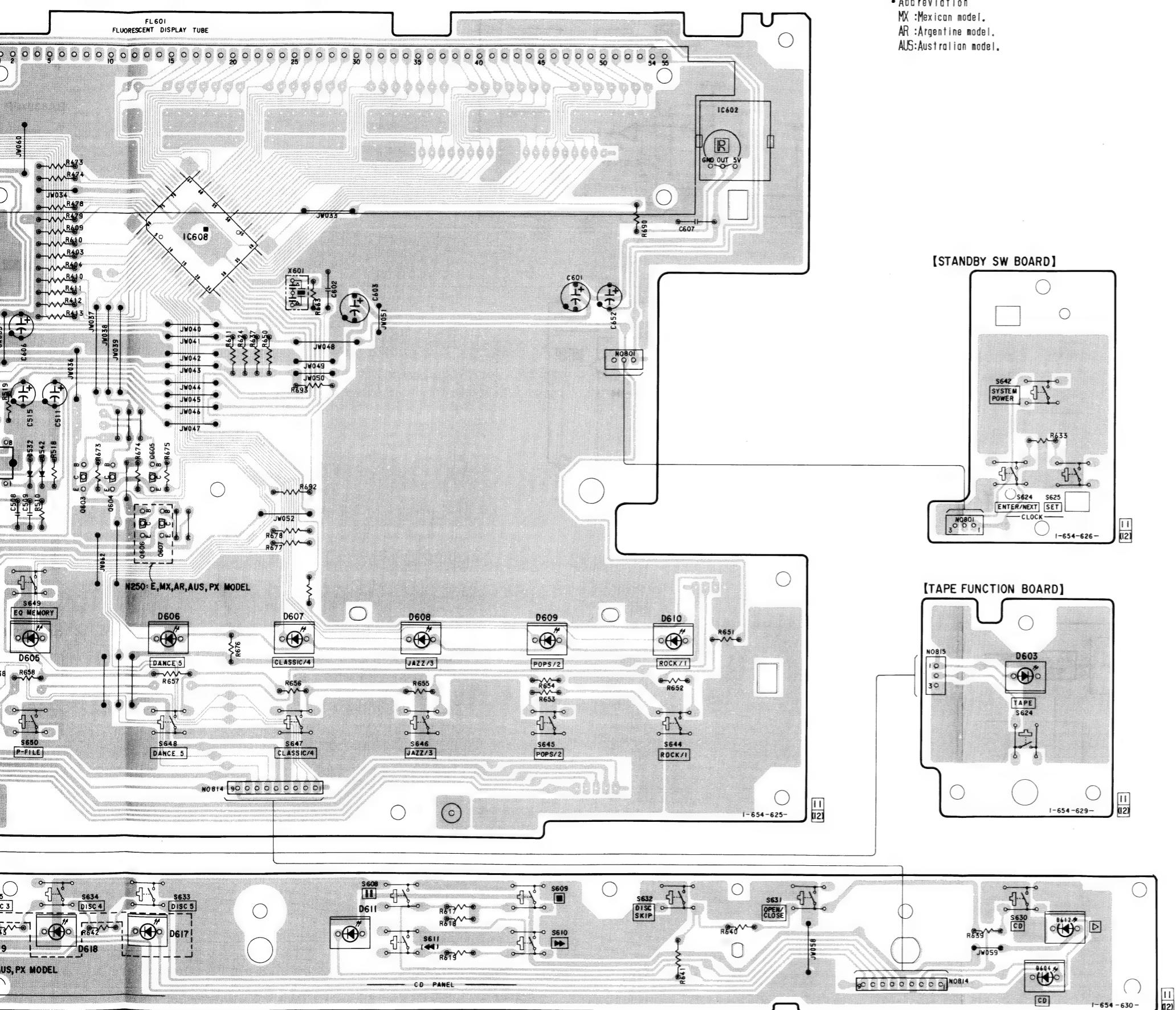
Pin No.	Pin Name	I/O	Function
1	ENC1A	I	Volume encoder signal input.
2	SIRCS	I	SIRCS signal input.
3	REQ. MG	I	Request signal from master control.
4	REQ. GM	O	Request signal to master control.
5, 6	LED1, 2	O	LED drive signal output. (Not used.)
7-9	LED3-5	O	LED drive signal output.
10	RDY	I/O	RDY signal from/to master control.
11	SCK IN	I	Serial clock input.
12	SD IN	I	Serial data input.
13	SD OUT	O	Serial data output.
14-21	LED6-13	O	LED drive signal output.
22-25	KEY1-4	I	Key matrix input.
26-29	BPF1-4	I	Spectram analizer signal input.
30	RST	I	Reset signal input.
31	X IN	I	X'tal (4MHz).
32	X OUT	O	
33	Vss	-	GND
34-58	ANI-25	O	FL segment signal output.
59-70	GR1-12	O	FL grid signal output.
71	VFDP	-	-25V for FL
72	VDD	-	+5V
73, 74	PD	I	Not used. (Pull up)
75	VDD	-	+5V
76, 77	LED14, 15	O	LED drive signal output.
78, 79	ENC2B, A	I	Not used. (Pull up)
80	ENC1B	I	Volume encoder signal input.

6-16. PRINTED WIRING BOARD — PANEL SECTION —

- See page 17 for Circuit Boards Location.
- See page 64 for Semiconductor Lead Layouts.

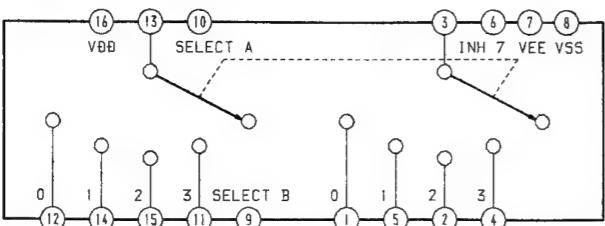


8 9 10 11 12 13 14 15 16 17 18 19

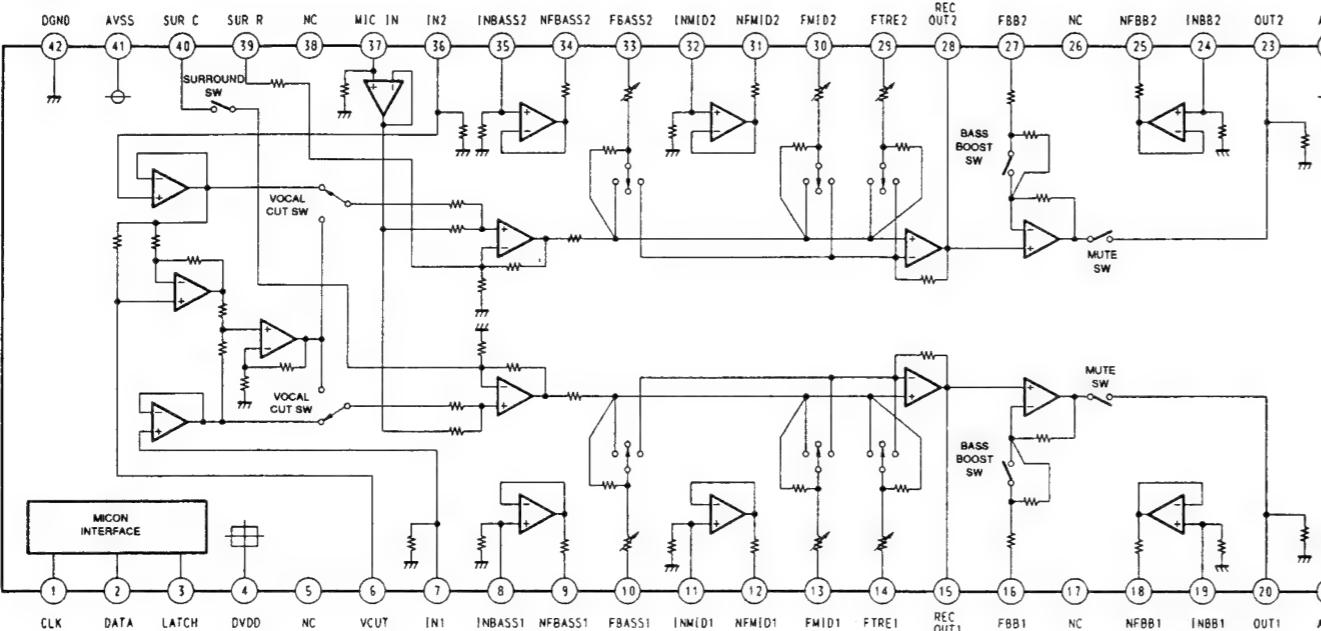


6-17. IC BLOCK DIAGRAMS (MAIN SECTION)

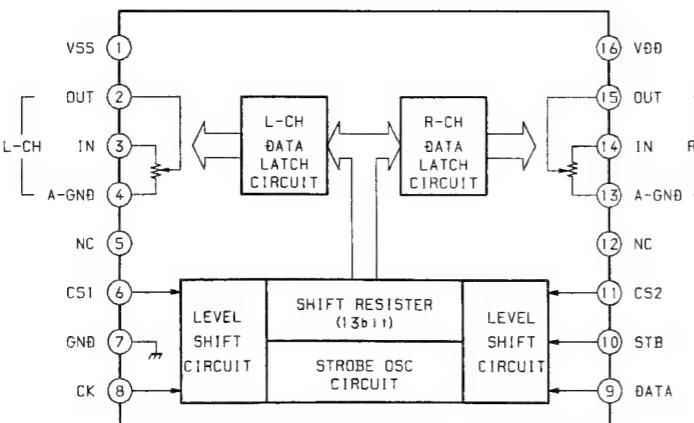
IC1002 MC14052BCP



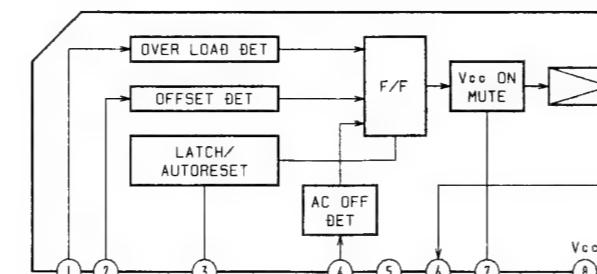
IC1101 M62423FP



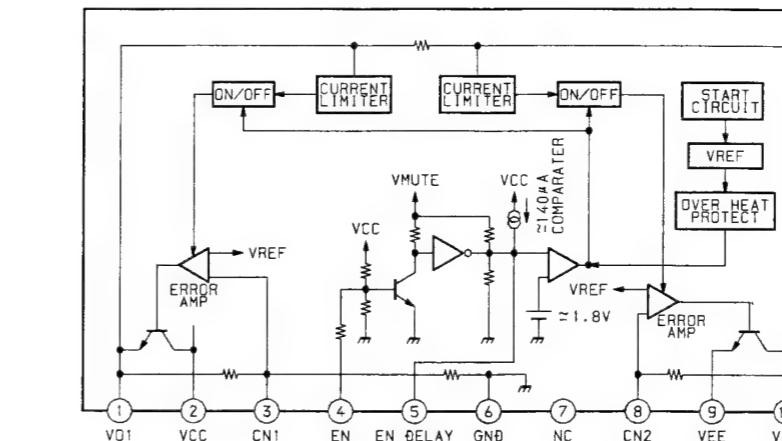
IC1131 TC9210P



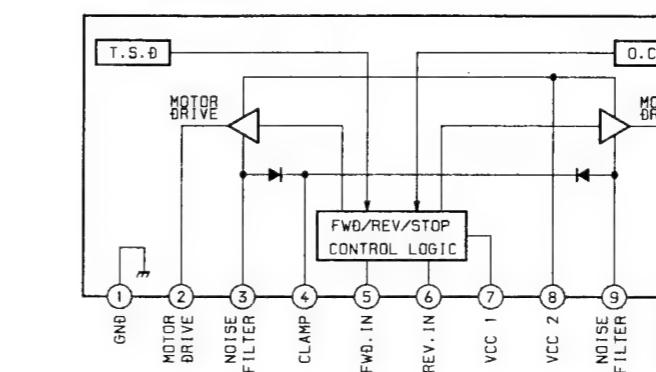
IC1202 μ PC1237HA



IC1351 LA5617



IC1901 LB1641

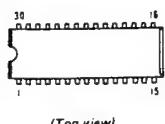


6-18. SEMICONDUCTOR LEAD LAYOUTS

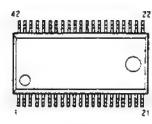
BA6191



LA1835



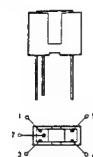
M62423FP



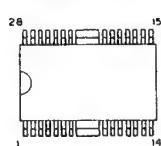
DTA124ES
DTA144ES
DTC114ES
DTC144ES
2SC2669-OY



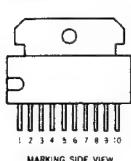
GP-1A521



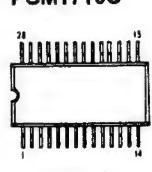
BA6397FP



LA5617



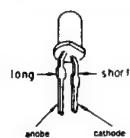
PCM1710U



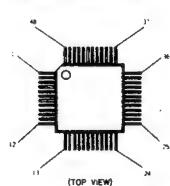
MSB710
UN2111
UN2211



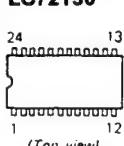
SEL3910A-CD



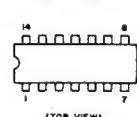
CXA1782BQ



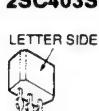
LC72130



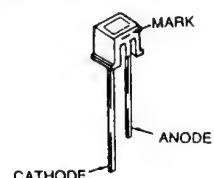
SN74HCU04ANS-E20



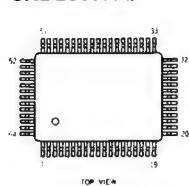
UN4111
2SA1175-HFE
2SC2785-HFE
2SC403SP



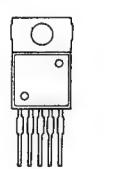
SEL5221S-TH8F
SEL5421E-TH8F
SEL5921A-TH8F



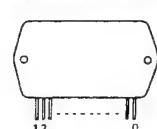
CXD2507AQ



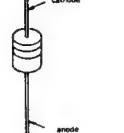
L78MR06
L780510



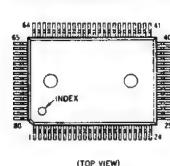
STK-4162MK2



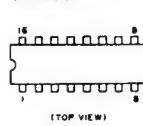
UZ-2.7BSA
UZ-5.6BSB
UZL-11M1
11EQS04
11ES2



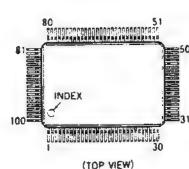
CXP82612-006Q



MC14052BCP
TC9210P



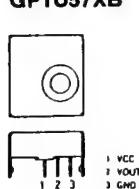
TMP87CP64F-6254



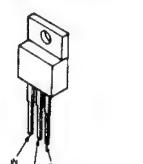
2SB1094-LK
2SD2012



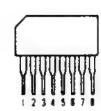
GP1U57XB



M5F7807



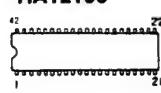
μ PC1237HA



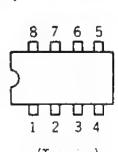
2SC1841-PAFAEA



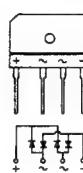
HA12195NT
HA12196



M5218AP
 μ PC4570C-1



D5SBA20F01
RBV-604



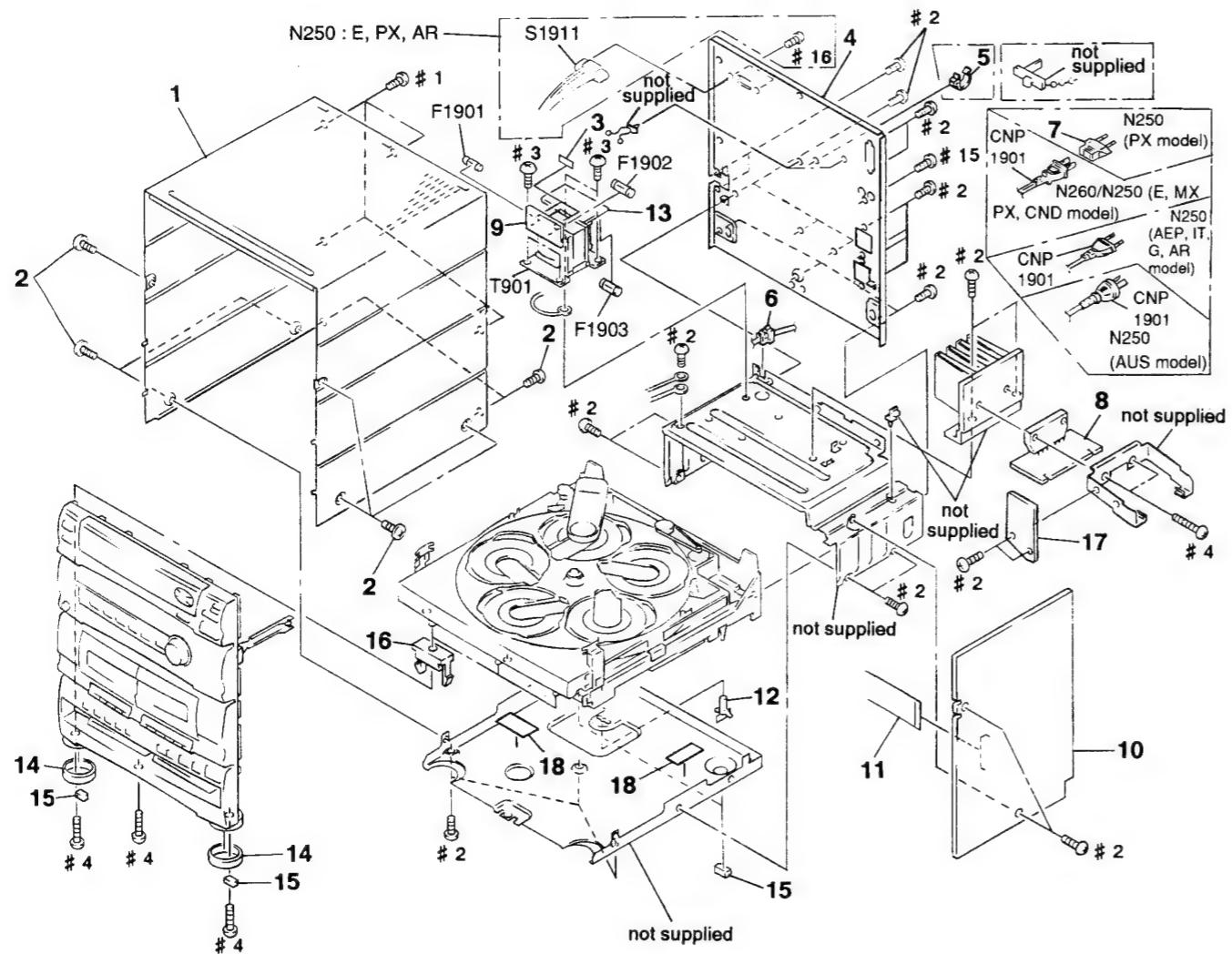
SECTION 7

EXPLODED VIEWS

NOTE:

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

7-1. CHASSIS SECTION



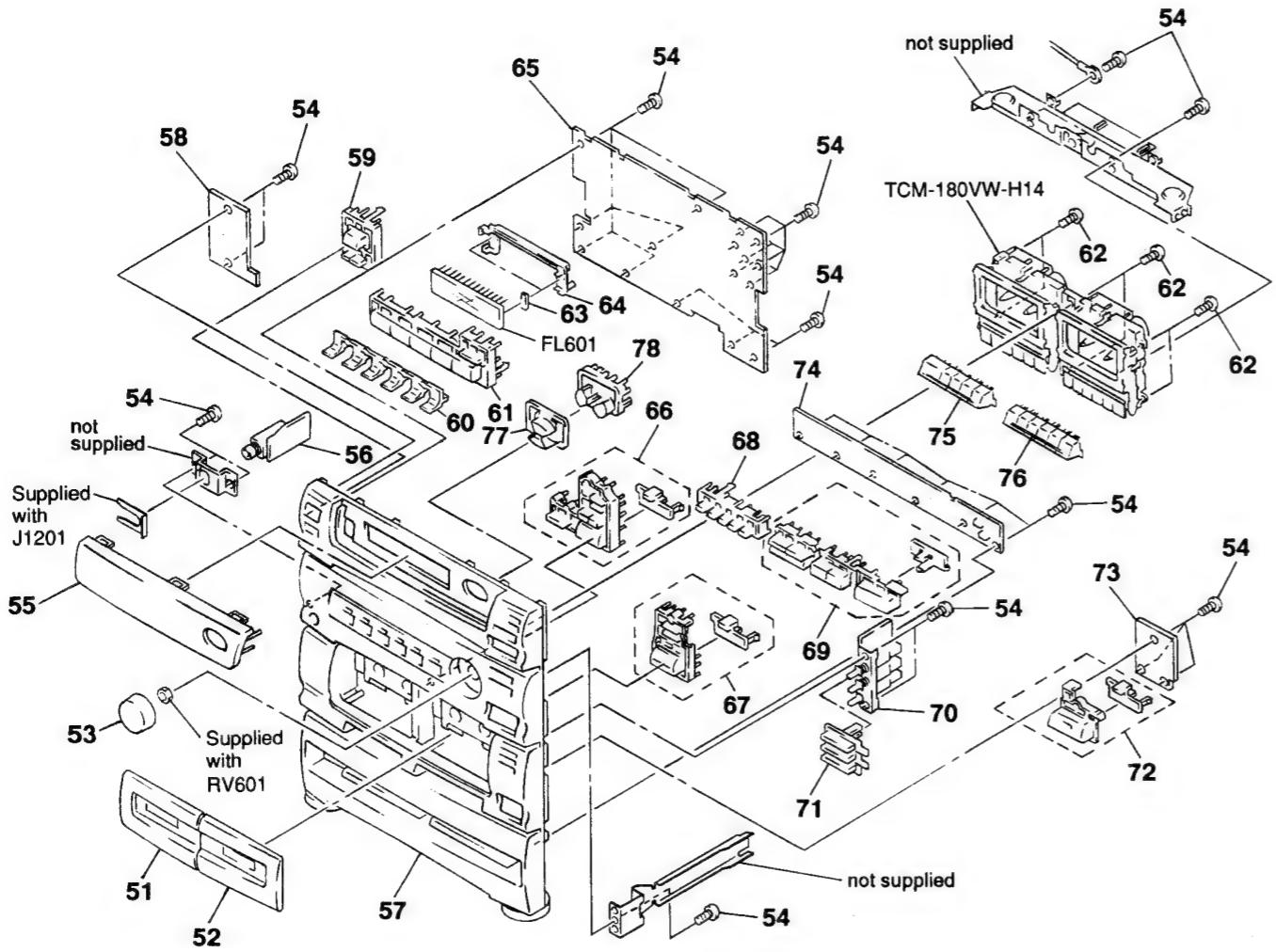
- Abbreviation
 - CND : Canadian model
 - G : German model
 - IT : Italian model
 - MX : Mexican model
 - AUS : Australian model
 - AR : Argentine model
 - AEP1 : AEP model without power source for PS-LX56P.
 - AEP2 : AEP model with power source for PS-LX56P.

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

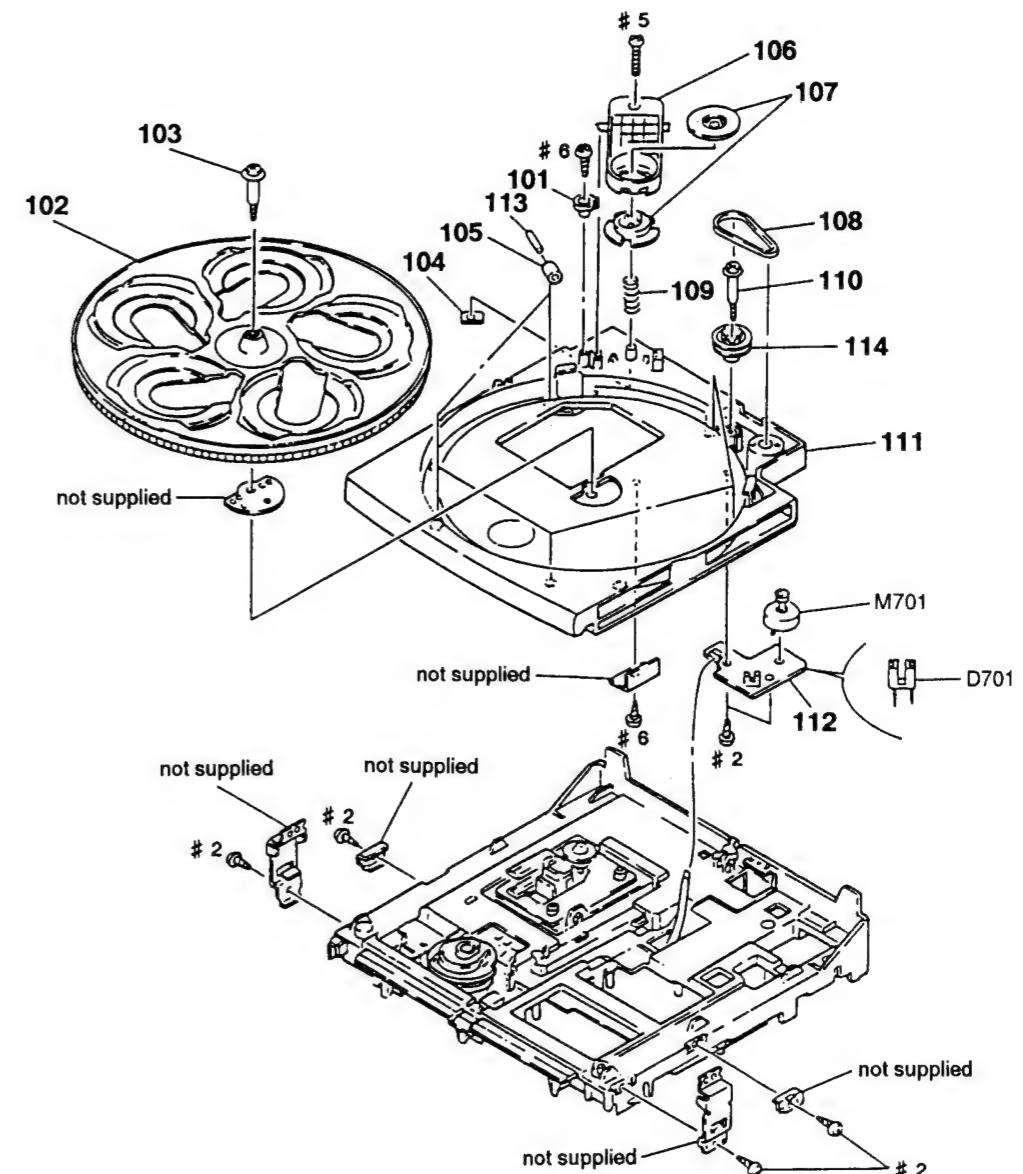
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-965-091-51	CASE (CDM)		* 10	A-4377-459-A	MAIN BOARD, COMPLETE (N250:PX)	
2	3-363-099-01	SCREW (CASE 3 TP2)		* 10	A-4377-592-A	MAIN BOARD, COMPLETE (N250:G)	
* 3	3-701-946-26	LABEL, FUSE RATING (D260/N250:CND)		* 10	A-4377-594-A	MAIN BOARD, COMPLETE (N250:IT)	
* 4	4-969-782-01	PANEL, BACK (D260)		* 10	A-4377-803-A	MAIN BOARD, COMPLETE (D260)	
* 4	4-969-782-11	PANEL, BACK (N250:CND)		* 10	A-4378-100-A	MAIN BOARD, COMPLETE (N250:AUS)	
* 4	4-969-782-41	PANEL, BACK (N250:AEP2)		11	1-765-333-11	WIRE (FLAT TYPE)(15 CORE)	
* 4	4-969-782-61	PANEL, BACK (N250:AEP1)		12	4-937-945-01	PLATE (TRANSPORT), LOCK	
* 4	4-969-782-81	PANEL, BACK (N250:IT)					
* 4	4-969-782-91	PANEL, BACK (N250:G)					
* 4	4-970-161-01	PANEL, BACK (N250:E)					
* 4	4-970-161-11	PANEL, BACK (N250:AR)		* 13	1-655-288-11	POWER (B) BOARD	
* 4	4-970-161-21	PANEL, BACK (N250:AUS)		14	4-921-918-11	PLATE, ORNAMENTAL	
* 4	4-970-161-31	PANEL, BACK (N250:MX)		15	4-948-236-01	CUSHION (107) (N250:CND, AEP1, IT, AUS)	
* 4	4-970-161-41	PANEL, BACK (N250:PX)		* 16	4-962-705-21	CHASSIS, HOLDER	
* 5	4-949-235-01	HOOK (N250:CND)		* 17	A-4377-985-A	DBFB BOARD, COMPLETE (N250:E, MX, AR, AUS, PX)	
* 5	4-949-235-11	HOOK (D260/N250:AEP, E, IT, G, MX, AR, PX)		18	4-974-698-01	INSULATING SHEET	
6	3-703-244-00	BUSHING (FBS001), CORD (D260/N250:CND, AEP, IT, G, AR, AUS)		△CNP19011-558-943-41	CORD, POWER (N250:E, MX, PX)		
6	4-966-266-01	BUSHING (S) (FBS002), CORD (N250:E, MX, PX)		△CNP19011-575-651-21	CORD, POWER (N250:AEP, IT, G, AR)		
△7	1-569-007-11	ADAPTER, CONVERSION 2P (N250:PX)		△CNP19011-590-926-11	CORD, POWER (D260/N250:CND)		
* 8	A-4371-959-A	POWER AMPLIFIER BOARD, COMPLETE (N250:E, MX, AR, AUS, PX)		△CNP19011-696-845-11	CORD, POWER (N250:AUS)		
* 8	A-4371-977-A	POWER AMPLIFIER BOARD, COMPLETE (N250:CND, AEP, IT, G)		△F1901	1-532-350-00	FUSE TIME LAG (T4A 250V) (N250:AEP, E, IT, G, MX, AR, AUS, PX)	
* 8	A-4377-808-A	POWER AMP BOARD, COMPLETE (D260)		△F1901	1-576-108-11	FUSE (4A 125V) (D260/N250:CND)	
* 9	1-655-287-11	POWER (A) BOARD		△F1902	1-532-350-00	FUSE TIME LAG (T4A 250V) (N250:AEP, E, IT, G, MX, AR, AUS, PX)	
* 10	A-4371-914-A	MAIN BOARD, COMPLETE (N250:CND)		△F1902	1-576-108-11	FUSE TIME LAG (4A 125V) (D260/N250:CND)	
* 10	A-4371-940-A	MAIN BOARD, COMPLETE (N250:AEP2)		△F1903	1-576-107-11	FUSE TIME LAG (3.15A 125V) (D260/N250:CND)	
* 10	A-4371-948-A	MAIN BOARD, COMPLETE (N250:AR)		△S1911	1-570-046-21	SWITCH, VOLTAGE CHANGE (VOLTAGE SELECTOR) (N250:E, PX, AR)	
* 10	A-4377-204-A	MAIN BOARD, COMPLETE (N250:E, MX)		△T901	1-427-687-11	TRANSFORMER, POWER (N250:AEP, IT, G)	
* 10	A-4377-253-A	MAIN BOARD, COMPLETE (N250:AEP1)		△T901	1-427-688-11	TRANSFORMER, POWER (N250:E, MX, AR, AUS, PX)	

7-2. FRONT PANEL SECTION



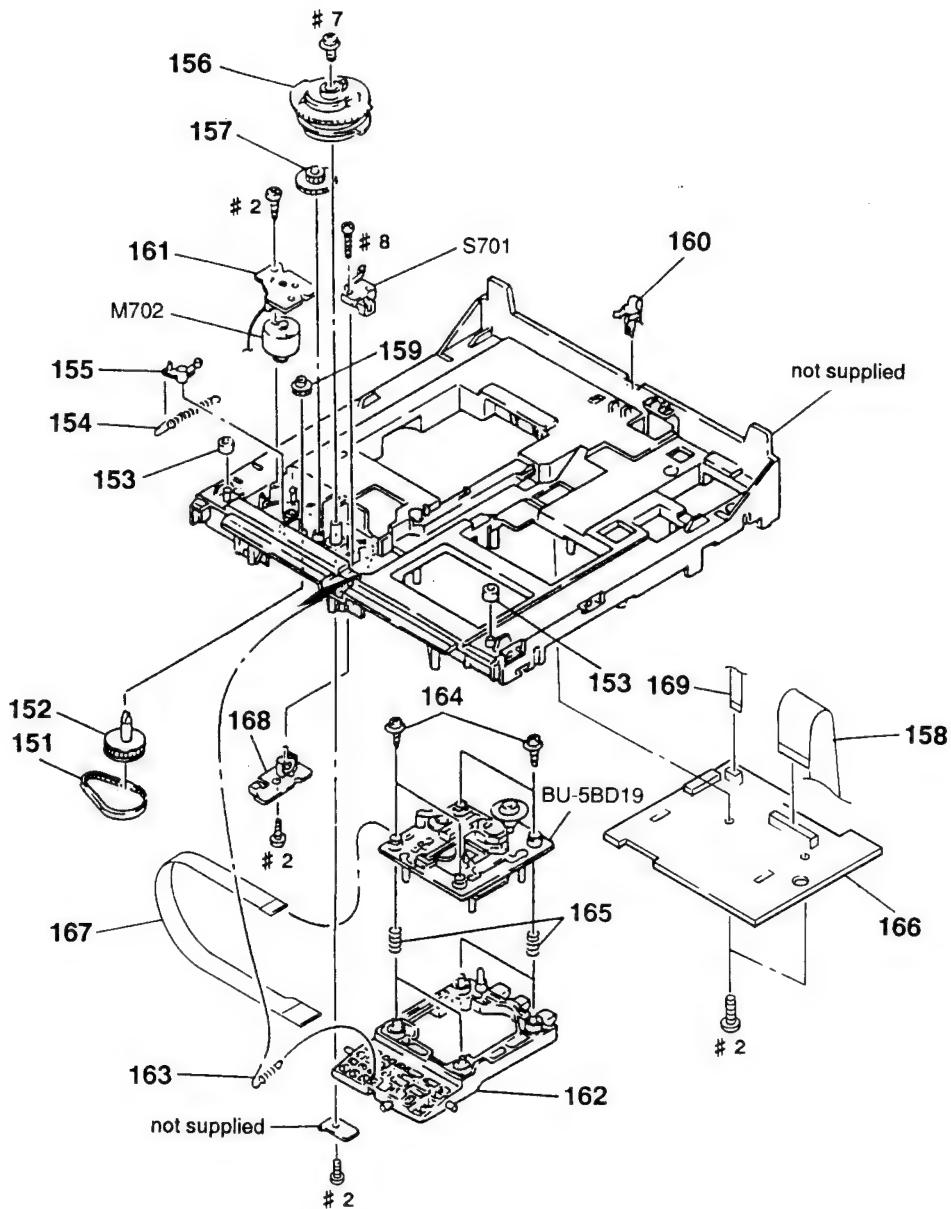
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4945-503-1	LID (A) ASSY, CASSETTE		66	X-4945-409-1	BUTTON (ST) ASSY	
52	X-4945-504-1	LID (B) ASSY, CASSETTE		67	X-4945-410-1	BUTTON (TA) ASSY	
53	4-969-683-01	KNOB (V)		67	X-4945-609-1	BUTTON (TA) ASSY (N250:AEP, IT, G)	(D260/N250:CND, E, MX, AR, PX)
54	4-951-620-01	SCREW (2.6X8), +BVTP		67	X-4945-875-1	BUTTON (TA) ASSY (N250:AUS)	
55	4-969-677-01	PLATE (ST), INDICATION		68	4-970-716-01	BUTTON (5 DISC) (D260/N250:CND, AEP, IT, G)	
* 56	1-654-627-11	H. P BOARD		68	4-970-717-01	BUTTON (5 DISC-W) (N250:E, MX, AR, AUS, PX)	
57	4-969-656-01	PANEL, FRONT (D260)		69	X-4945-412-1	BUTTON (CDM) ASSY	
57	4-969-656-11	PANEL, FRONT (N250:CND, AEP, IT, G)		* 70	1-654-628-11	SW BOARD	
57	4-969-656-21	PANEL, FRONT (N250:E, MX, AR, AUS, PX)		71	4-964-288-11	BUTTON (DDT-3)	
* 58	1-654-626-11	STANDBY SW BOARD		72	X-4945-411-1	BUTTON (TC) ASSY	
59	4-969-665-01	BUTTON (POWER)		* 73	1-654-629-11	TAPE FUNCTION BOARD	
60	4-969-684-01	INDICATOR (SE5)		* 74	1-654-630-11	CD PANEL BOARD	
61	4-969-670-01	BUTTON (SELECT 5)		75	4-969-673-01	BUTTON (MD-A)	
	(D260/N250:CND, AEP, E, IT, G, MX, AR, AUS)		76	4-969-674-01	BUTTON (MD-B)		
61	4-969-670-11	BUTTON (SELECT 5) (N250:PX)		77	4-969-666-01	BUTTON (CURSOR 1)	
62	4-951-620-11	SCREW (2.6X10), +BVTP		78	4-969-667-01	BUTTON (CURSOR 2)	
* 63	4-949-935-21	CUSHION (FL)		FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT	
* 64	4-969-681-01	HOLDER, FL TUBE					
* 65	A-4371-913-A	PANEL BOARD, COMPLETE (D260/N250:CND)					
* 65	A-4371-932-A	PANEL BOARD, COMPLETE (N250:AEP, IT, G)					
* 65	A-4371-947-A	PANEL BOARD, COMPLETE (N250:E, MX, AR, AUS, PX)					

7-3. TRAY SECTION



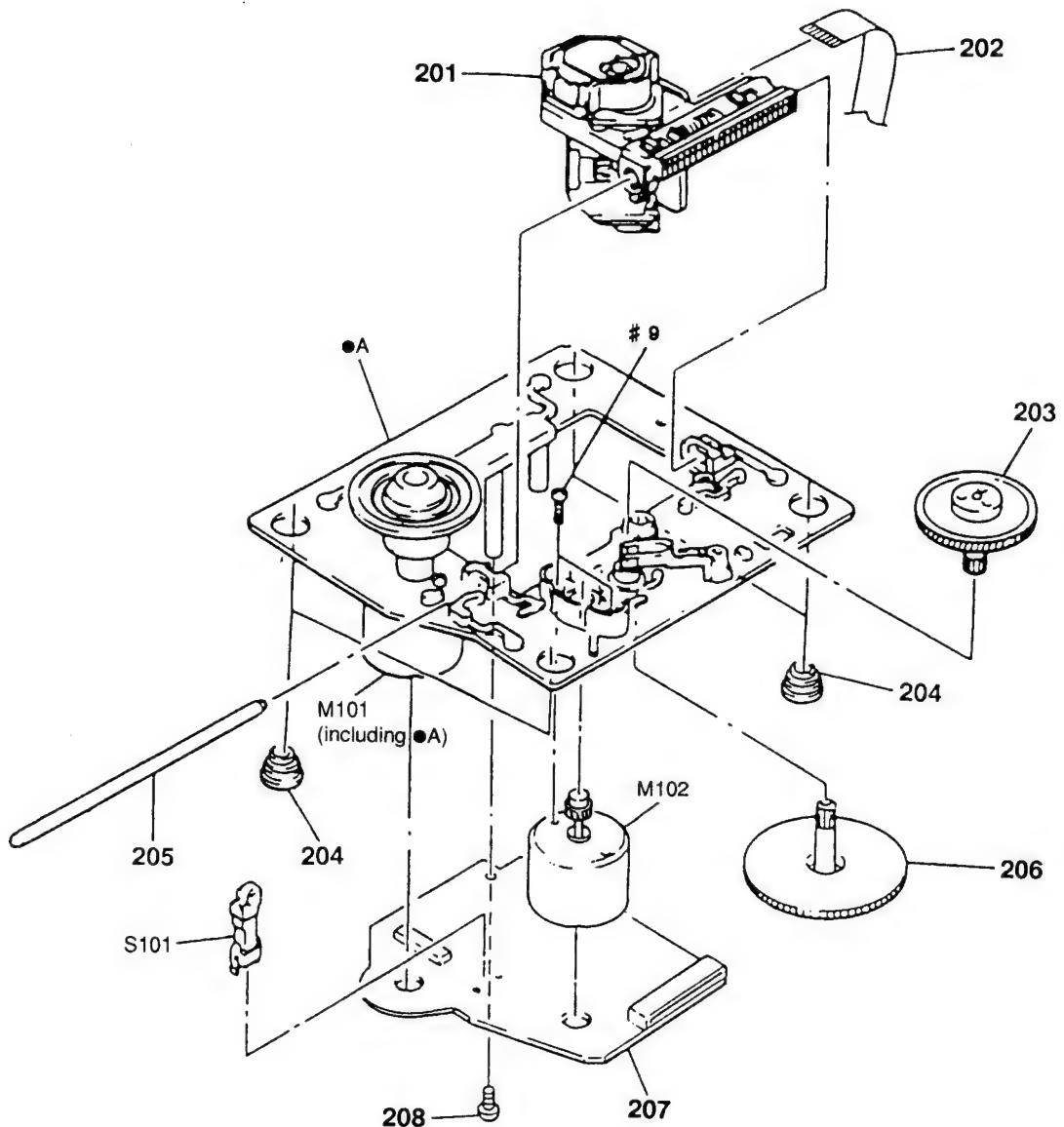
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 101	4-949-226-01	PLATE, LOCK		110	4-923-597-01	SCREW, STEP	
* 102	4-926-383-01	TABLE (B), DISK		111	4-955-787-72	TABLE, DISC	
103	4-926-384-01	SCREW, STEP		* 112	1-638-729-11	TABLE MOTOR BOARD	
* 104	4-926-388-01	BRACKET (ADJUSTMENT)		113	4-934-376-01	SHAFT (ROLLER)	
105	X-4924-457-1	ROLLER ASSY		114	4-934-380-01	PULLEY (R)	
* 106	4-930-506-02	BRACKET (PRESS PULLEY)		D701	8-719-970-19	DIODE GP-1A521	
* 107	1-452-538-11	MAGNET		M701	A-4353-976-A	MOTOR ASSY, ROTARY	
108	4-926-399-01	BELT					
109	4-926-395-01	SPRING, COMPRESSION					

7-4. CD CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	4-944-490-01	BELT (TIMING)		* 162	4-934-373-01	BRACKET (BU)	
152	X-4941-529-1	PULLEY ASSY		163	4-937-911-01	SPRING, TENSION	
* 153	4-951-619-01	CUSHION (A)		164	4-933-134-01	SCREW (+PTPWH M2.6X6)	
154	4-924-412-01	SPRING (B), TENSION		165	4-958-593-01	SPRING (BU), COMPRESSION	
155	4-917-519-01	LEVER, SET		* 166	A-4371-911-A	CD MAIN BOARD, COMPLETE	
156	4-934-391-01	GEAR (LOADING A)		167	1-654-751-11	FLEXIBLE BOARD	
157	4-934-381-01	GEAR (LOADING C)		* 168	1-638-731-11	OPEN/UP SW BOARD	
158	1-769-303-11	WIRE (FLAT TYPE) (29 CORE)		169	1-590-849-11	WIRE, FLAT TYPE (5 CORE)	
159	4-934-375-11	GEAR (LOADING B)		M702	A-4353-974-A	MOTOR ASSY, LOADING	
* 160	4-943-996-06	SPRING, LEAF		S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	
* 161	1-638-288-11	LOADING MOTOR BOARD					

**7-5. BASE UNIT SECTION
(BU-5BD19)**



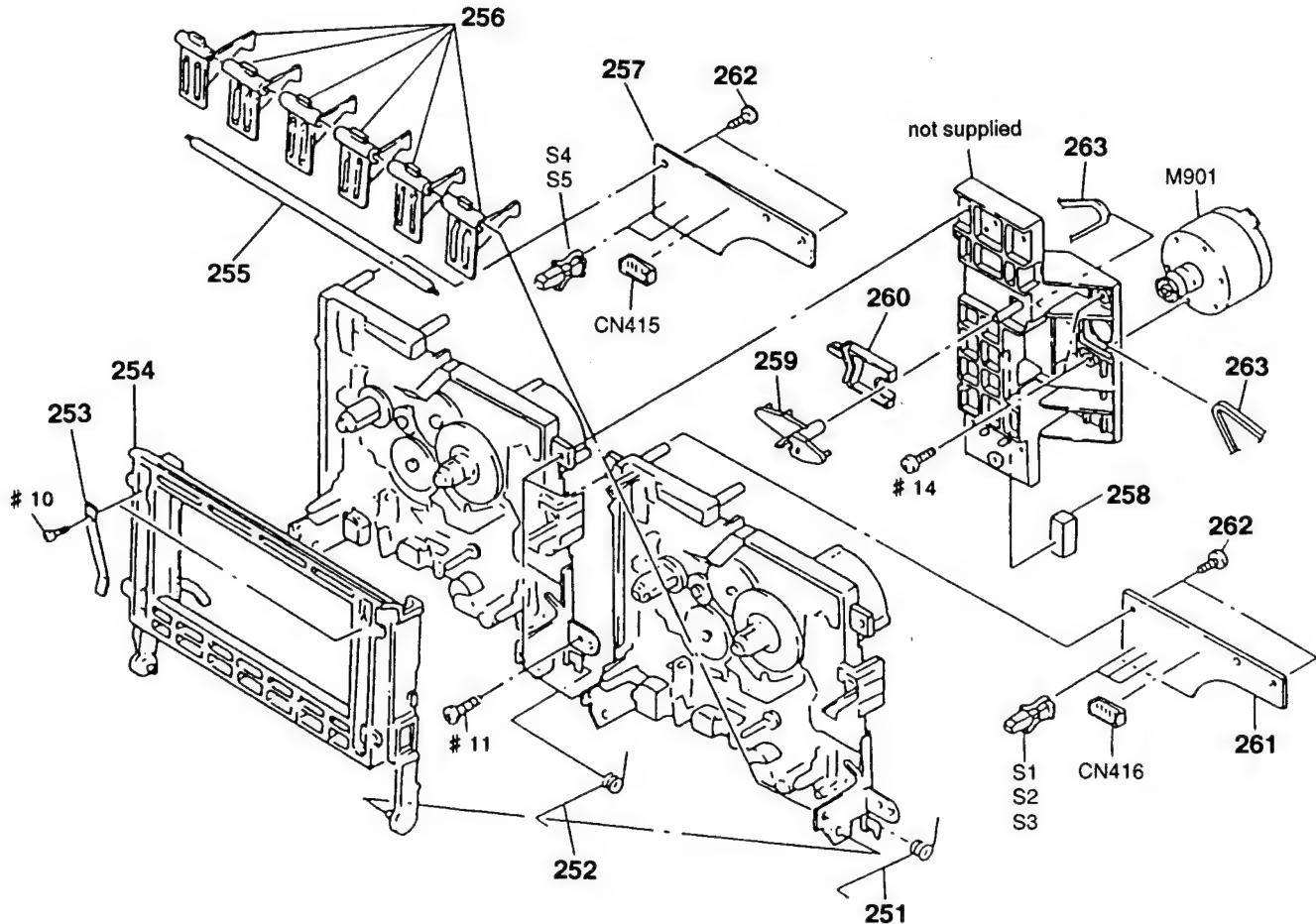
The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
201	8-848-387-01	OPTICAL PICK-UP BLOCK (KSS-213BA/S-N)	
202	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)	
203	4-917-567-21	GEAR (M)	
204	4-917-940-01	INSULATOR (BU)	
205	4-917-565-01	SHAFT, SLED	
206	4-917-564-01	GEAR (P), FLATNESS	

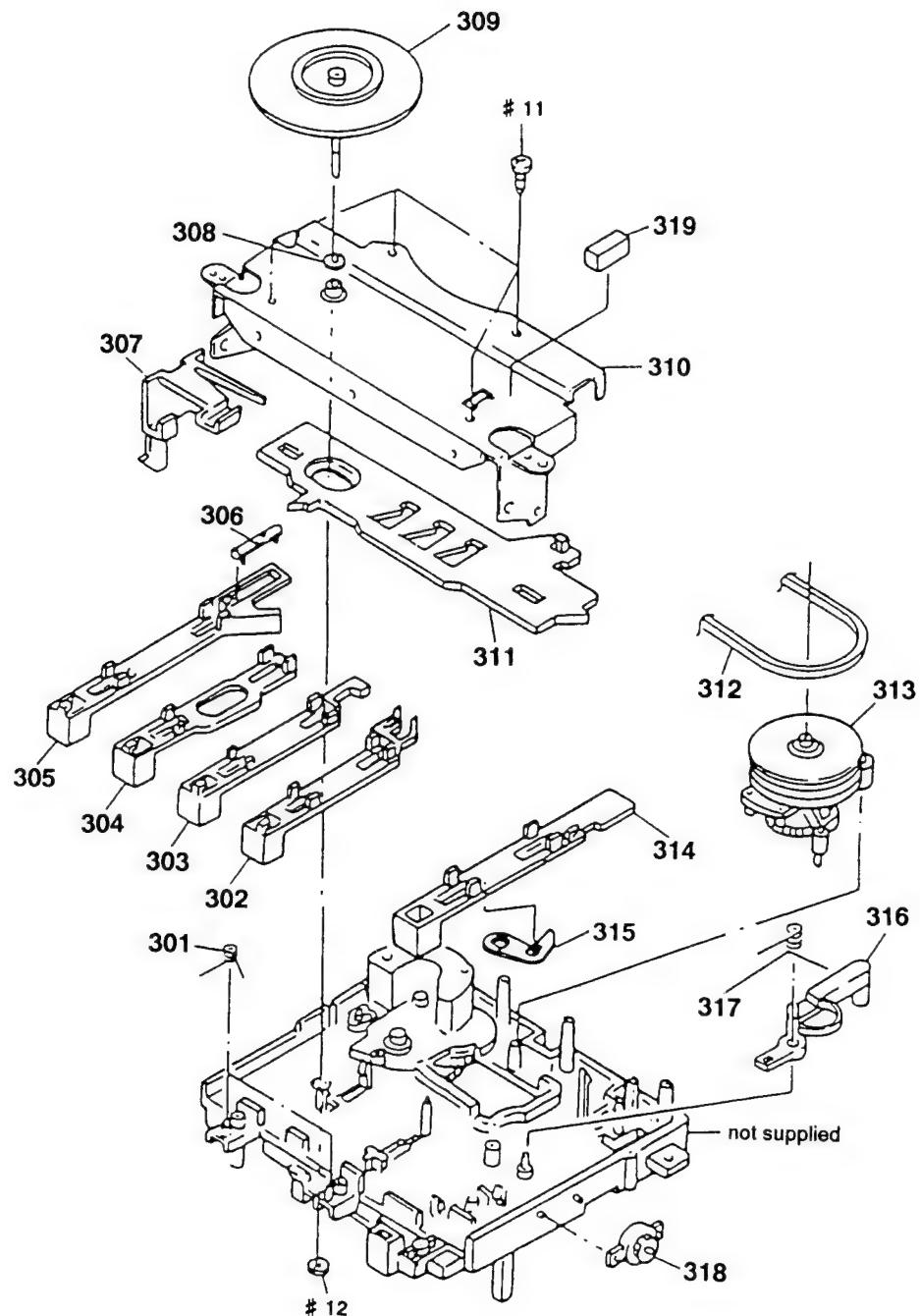
Ref. No.	Part No.	Description	Remark
* 207	A-4673-402-A	BD BOARD, COMPLETE	
208	4-951-620-01	SCREW (2.6X8), +BVTP	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
S101	1-572-085-11	SWITCH, LEAF	

7-6. MECHANISM DECK SECTION 1 (TCM-180VW-H14)



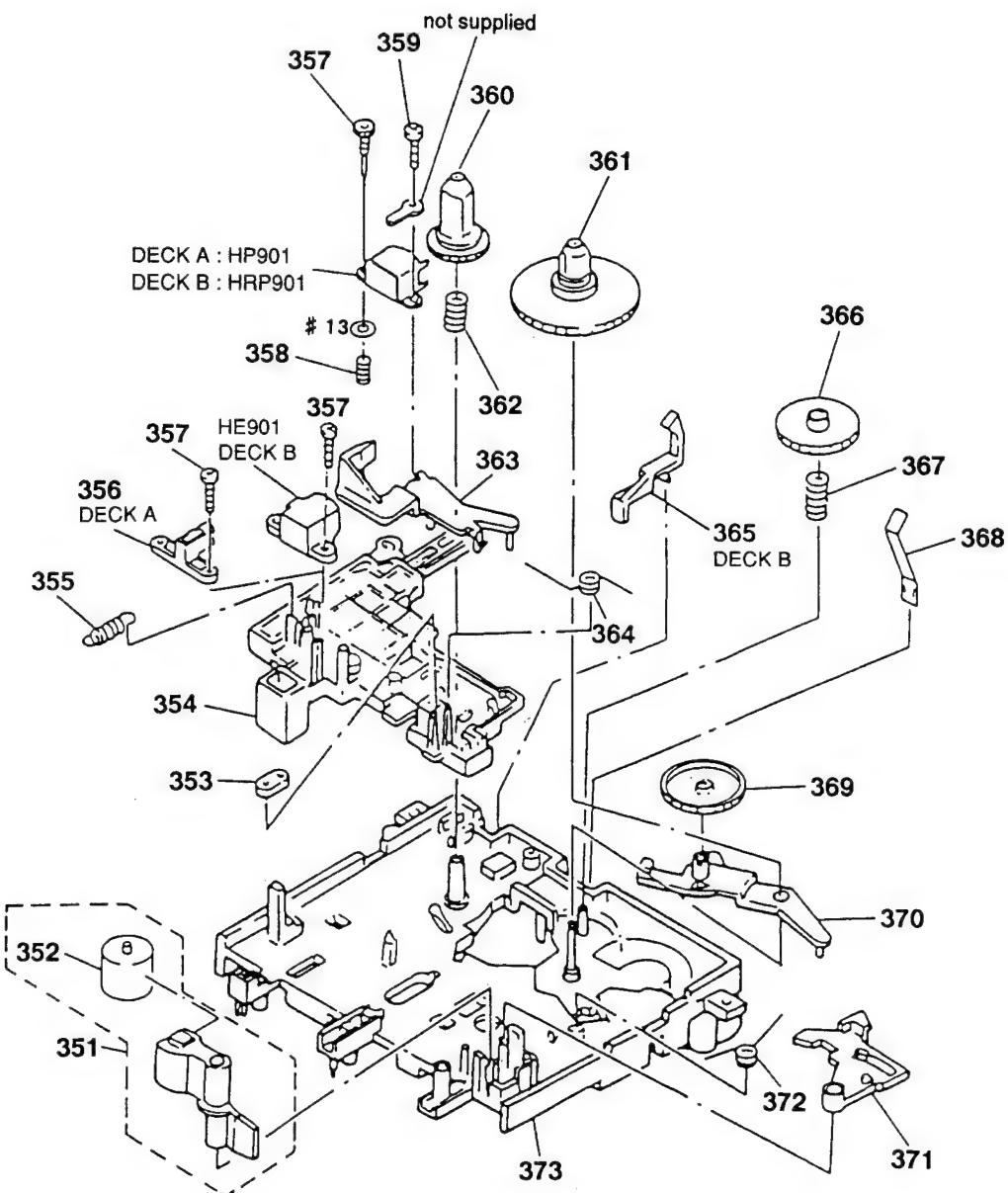
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	3-358-287-01	SPRING (LOADING A), TORSION		262	4-951-620-01	SCREW (2.6X8), +BVTP	
252	3-358-229-01	SPRING (LOADING), TORSION		263	3-364-777-01	BELT (WH)	
253	3-358-209-01	SPRING (CASSETTE HOLDER), LEAF		* CN415	1-568-942-11	PIN, CONNECTOR 4P	
254	3-358-266-02	HOLDER, CASSETTE		* CN416	1-568-943-11	PIN, CONNECTOR 5P	
255	3-371-917-01	SHAFT (BUTTON SHAFT 4)		M901	X-3362-377-1	MOTOR (WH) ASSY (REEL/CAPSTAN)	
256	3-369-335-01	LEVER (BUTTON BASE F)		S1	1-571-736-11	SWITCH, LEAF (MOTOR B)	
* 257	1-640-702-11	LEAF SW (A) BOARD		S2	1-571-736-11	SWITCH, LEAF (PLAY B)	
* 258	3-358-289-01	SPACER (VIBRATION PROOF MAT)		S3	1-571-736-11	SWITCH, LEAF (REC B)	
259	3-358-203-01	LEVER (TRIGGER)		S4	1-571-736-11	SWITCH, LEAF (MOTOR A)	
260	3-358-202-01	SLIDER (TRIGGER)		S5	1-571-736-11	SWITCH, LEAF (PLAY A)	
* 261	1-640-703-11	LEAF SW (B) BOARD					

7-7. MECHANISM DECK SECTION 2
(TCM-180VW-H14)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
301	3-358-232-01	SPRING (S-P F-R), TORSION		* 311	3-358-249-01	SLIDER (LOCK PLATE)	
302	3-358-258-01	SLIDER (REW)		312	3-358-230-01	BELT (A1)	
303	3-358-257-01	SLIDER (FF)		313	X-3358-202-1	LEVER (FR ARM) ASSY	
304	3-358-256-01	SLIDER (STOP/EJECT)		314	3-358-259-01	SLIDER (REC) (DECK B)	
305	3-358-260-01	SLIDER (PAUSE)		* 315	3-358-204-01	LEVER (REC SAFETY) (DECK B)	
* 306	3-358-226-01	LEVER (PAUSE LEVER)		316	3-358-286-01	LEVER (MOTOR LEVER)	
* 307	3-358-261-02	SLIDER (HOLDER LOCK)		317	3-358-214-01	SPRING (LOCK), TORSION (DECK A)	
308	3-701-437-01	WASHER		317	3-358-233-01	SPRING (REC-LOCK), TORSION (DECK B)	
309	X-3358-205-1	FLYWHEEL (A) ASSY (DECK B)		318	3-319-224-51	DAMPER, SMALL	
309	X-3366-859-1	FLYWHEEL (D) ASSY (DECK A)		* 319	3-358-289-01	SPACER (VIBRATION PROOF MAT) (DECK B)	
310	X-3365-582-1	BRACKET (D) ASSY					

7-8. MECHANISM DECK SECTION 3
(TCM-180VW-H14)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
351	X-3358-204-1	LEVER (PINCH LEVER) ASSY		* 365	3-358-255-01	LEVER (GB LEVER) (DECK B)	
352	3-578-143-11	PINCH ROLLER		* 366	3-358-224-01	GEAR (FF GEAR)	
* 353	3-358-215-01	BUSHING (WIRE KIT RETAINER)		367	3-358-207-01	SPRING (FF GEAR), COMPRESSION	
354	3-358-265-01	SLIDER (HEAD PC BOARD A)		368	3-358-227-01	SPRING, LEAF	
355	3-358-217-01	SPRING, TENSION		* 369	3-358-284-01	GEAR (TU GEAR)	
* 356	3-363-931-01	GUIDE, TAPE		* 370	3-358-252-01	LEVER (TU ARM)	
357	3-358-288-11	SCREW (T), AZIMUTH		* 371	3-358-253-01	LEVER (SHUT-OFF LEVER)	
358	3-358-234-01	SPRING (AZIMUTH), COMPRESSION		372	3-358-243-01	SPRING (TU-SHUT), TORSION	
359	3-358-288-01	SCREW (T), AZIMUTH		373	X-3358-207-2	CHASSIS (A) ASSY	
360	3-358-248-01	GEAR (SUPPLY REEL)		HE901	1-543-673-11	HEAD, MAGNETIC (ERASE) (DECK B)	
361	X-3358-203-1	TABLE (T) ASSY, REEL		HP901	1-543-319-11	HEAD, MAGNETIC (PB) (DECK A)	
362	3-358-208-01	SPRING (SUPPLY), COMPRESSION		HRP901	1-543-319-11	HEAD, MAGNETIC (REC/PB) (DECK B)	
* 363	3-358-251-01	LEVER (TENSION DETECTION ARM)					
364	3-358-228-01	SPRING, TORSION					

SECTION 8

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.

• RESISTORS

All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable

• SEMICONDUCTORS

In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
uPC...: μ PC..., uPD...: μ PD...

• CAPACITORS

uF: μ F

• COILS

uH: μ H

• Abbreviation

CND : Canadian model
G : German model
IT : Italian model
MX : Mexican model
AUS : Australian model
AR : Argentine model
AEP1 : AEP model without power source for PS-LX56P
AEP2 : AEP model with power source for PS-LX56P

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark																
*	A-4673-402-A	BD BOARD, COMPLETE				*****	C136	1-164-005-11	CERAMIC CHIP				0.47uF 25V																
< CAPACITOR >																													
C101	1-126-607-11	ELECT CHIP	47uF	20%	4V		C137	1-164-232-11	CERAMIC CHIP				0.01uF 50V																
C102	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V		C139	1-163-235-11	CERAMIC CHIP				22PF 5% 50V																
C103	1-164-346-11	CERAMIC CHIP	1uF		16V		C140	1-163-235-11	CERAMIC CHIP				22PF 5% 50V																
C105	1-163-038-91	CERAMIC CHIP	0.1uF		25V		C141	1-163-038-91	CERAMIC CHIP				0.1uF 25V																
C106	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V		C142	1-163-038-91	CERAMIC CHIP				0.1uF 25V																
C107	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V		C145	1-135-201-11	TANTALUM CHIP				10uF 20% 4V																
C108	1-164-232-11	CERAMIC CHIP	0.01uF		50V		C146	1-135-201-11	TANTALUM CHIP				10uF 20% 4V																
C109	1-164-232-11	CERAMIC CHIP	0.01uF		50V		C147	1-163-275-11	CERAMIC CHIP				0.001uF 5% 50V																
C110	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V		C148	1-163-275-11	CERAMIC CHIP				0.001uF 5% 50V																
C111	1-163-038-91	CERAMIC CHIP	0.1uF		25V		C149	1-164-346-11	CERAMIC CHIP				1uF 16V																
C112	1-163-038-91	CERAMIC CHIP	0.1uF		25V		C153	1-135-259-11	TANTAL. CHIP				10uF 20% 6.3V																
C113	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V		C154	1-163-235-11	CERAMIC CHIP				22PF 5% 50V																
C114	1-164-005-11	CERAMIC CHIP	0.47uF		25V		< CONNECTOR >																						
C115	1-126-607-11	ELECT CHIP	47uF	20%	4V		CNU101	1-770-014-11	CONNECTOR, FFC/FPC 16P					CNU102	1-770-013-11	CONNECTOR, FFC/FPC 19P													
C116	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V		< IC >																						
C117	1-164-005-11	CERAMIC CHIP	0.47uF		25V		IC101	8-752-069-56	IC	CXA1782BQ					IC102	8-759-291-06	IC	BA6397FP-T1											
C118	1-163-038-91	CERAMIC CHIP	0.1uF		25V		IC103	8-752-372-94	IC	CXD2507AQ					IC104	8-759-185-29	IC	PCM1710U-BT1											
C119	1-163-038-91	CERAMIC CHIP	0.1uF		25V		< MOTOR >																						
C120	1-135-201-11	TANTALUM CHIP	10uF	20%	4V		M101	X-4917-523-4	MOTOR ASSY (SPINDLE)					M102	X-4917-504-1	MOTOR ASSY (SLED)													
C121	1-163-038-91	CERAMIC CHIP	0.1uF		25V		< TRANSISTOR >																						
C122	1-164-232-11	CERAMIC CHIP	0.01uF		50V		Q101	8-729-010-08	TRANSISTOR	MSB710					Q102	8-729-424-08	TRANSISTOR	UN2111											
C123	1-163-038-91	CERAMIC CHIP	0.1uF		25V		Q103	8-729-421-22	TRANSISTOR	UN2211					< RESISTOR >														
C124	1-126-607-11	ELECT CHIP	47uF	20%	4V		R102	1-216-001-00	METAL CHIP	10	5%	1/10W				R103	1-216-049-00	METAL CHIP	1K	5%	1/10W								
C125	1-164-232-11	CERAMIC CHIP	0.01uF		50V		R104	1-216-097-00	METAL CHIP	100K	5%	1/10W																	
C126	1-163-038-91	CERAMIC CHIP	0.1uF		25V																								
C127	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V																								
C128	1-163-135-00	CERAMIC CHIP	560PF	5%	50V																								
C129	1-163-038-91	CERAMIC CHIP	0.1uF		25V																								
C130	1-164-336-11	CERAMIC CHIP	0.33uF		25V																								
C131	1-163-038-91	CERAMIC CHIP	0.1uF		25V																								
C132	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V																								
C133	1-163-145-00	CERAMIC CHIP	0.0015uF	5%	50V																								
C134	1-164-346-11	CERAMIC CHIP	1uF		16V																								
C135	1-163-117-00	CERAMIC CHIP	100PF	5%	50V																								

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark	
R105	1-216-089-00	METAL CHIP	47K 5% 1/10W	R158	1-216-001-00	METAL CHIP	10 5% 1/10W	
R106	1-216-089-00	METAL CHIP	47K 5% 1/10W				< VARIABLE RESISTOR >	
R107	1-216-089-00	METAL CHIP	47K 5% 1/10W	RV101	1-241-396-11	RES, ADJ, METAL GLAZE 22K		
R108	1-216-089-00	METAL CHIP	47K 5% 1/10W	RV102	1-241-396-11	RES, ADJ, METAL GLAZE 22K		
R109	1-216-097-00	METAL CHIP	100K 5% 1/10W	RV103	1-241-396-11	RES, ADJ, METAL GLAZE 22K		
R112	1-216-077-00	METAL CHIP	15K 5% 1/10W				< SWITCH >	
R113	1-216-077-00	METAL CHIP	15K 5% 1/10W	S101	1-572-085-11	SWITCH, LEAF (LIMIT)		
R114	1-216-101-00	METAL CHIP	150K 5% 1/10W				< VIBRATOR >	
R115	1-216-101-00	METAL CHIP	150K 5% 1/10W	X101	1-579-280-11	VIBRATOR, CRYSTAL (16.9344MHz)		
R116	1-216-061-00	METAL CHIP	3.3K 5% 1/10W				*****	
R117	1-216-093-00	METAL CHIP	68K 5% 1/10W				*****	
R118	1-216-049-00	METAL CHIP	1K 5% 1/10W				*****	
R119	1-216-121-00	METAL CHIP	1M 5% 1/10W				*****	
R120	1-216-089-00	METAL CHIP	47K 5% 1/10W				*****	
R121	1-216-114-00	METAL GLAZE	510K 5% 1/10W				*****	
R122	1-216-097-00	METAL CHIP	100K 5% 1/10W	*	A-4371-911-A	CD MAIN BOARD, COMPLETE		
R123	1-216-099-00	METAL CHIP	120K 5% 1/10W				*****	
R124	1-216-091-00	METAL CHIP	56K 5% 1/10W				< CAPACITOR >	
R125	1-216-069-00	METAL CHIP	6.8K 5% 1/10W	C301	1-124-480-11	ELECT	470uF 20% 25V	
R126	1-216-063-00	METAL CHIP	3.9K 5% 1/10W	C302	1-124-907-11	ELECT	10uF 20% 50V	
R127	1-216-089-00	METAL CHIP	47K 5% 1/10W	C303	1-124-907-11	ELECT	10uF 20% 50V	
R128	1-216-105-91	METAL GLAZE	220K 5% 1/10W	C304	1-164-159-11	CERAMIC	0.1uF 50V	
R129	1-216-049-00	METAL CHIP	1K 5% 1/10W	C305	1-164-159-11	CERAMIC	0.1uF 50V	
R130	1-216-079-00	METAL CHIP	18K 5% 1/10W	C306	1-164-159-11	CERAMIC	0.1uF 50V	
R131	1-216-079-00	METAL CHIP	18K 5% 1/10W	C307	1-124-472-11	ELECT	470uF 20% 10V	
R132	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	C308	1-124-477-11	ELECT	47uF 20% 25V	
R133	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	C309	1-126-927-11	ELECT	2200uF 20% 10V	
R134	1-216-065-00	METAL CHIP	4.7K 5% 1/10W	C310	1-124-477-11	ELECT	47uF 20% 25V	
R135	1-216-065-00	METAL CHIP	4.7K 5% 1/10W	C311	1-164-159-11	CERAMIC	0.1uF 50V	
R136	1-216-073-00	METAL CHIP	10K 5% 1/10W	C312	1-130-479-00	MYLAR	0.0047uF 5% 50V	
R137	1-216-065-00	METAL CHIP	4.7K 5% 1/10W	C313	1-130-479-00	MYLAR	0.0047uF 5% 50V	
R138	1-216-049-00	METAL CHIP	1K 5% 1/10W					
R139	1-216-033-00	METAL CHIP	220 5% 1/10W				< CONNECTOR >	
R140	1-216-081-00	METAL CHIP	22K 5% 1/10W					
R141	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	*	CN301	1-568-862-11	SOCKET, CONNECTOR 19P	
R142	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	CN302	1-770-064-11	CONNECTOR, FFC/FPC 29P		
R143	1-216-121-00	METAL CHIP	1M 5% 1/10W	*	CN303	1-568-943-11	PIN, CONNECTOR 5P	
R144	1-216-073-00	METAL CHIP	10K 5% 1/10W	*	CN304	1-568-824-11	SOCKET, CONNECTOR 5P	
R145	1-216-097-00	METAL CHIP	100K 5% 1/10W				< DIODE >	
R146	1-216-097-00	METAL CHIP	100K 5% 1/10W	D301	8-719-010-42	DIODE	UZ-5.6BSB	
R147	1-216-049-00	METAL CHIP	1K 5% 1/10W	D302	8-719-200-82	DIODE	11ES2	
R148	1-216-049-00	METAL CHIP	1K 5% 1/10W	D303	8-719-200-82	DIODE	11ES2	
R149	1-216-049-00	METAL CHIP	1K 5% 1/10W					
R150	1-216-037-00	METAL CHIP	330 5% 1/10W				< IC >	
R151	1-216-037-00	METAL CHIP	330 5% 1/10W					
R152	1-216-037-00	METAL CHIP	330 5% 1/10W	IC301	8-759-172-31	IC	BA6191	
R153	1-216-089-00	METAL CHIP	47K 5% 1/10W					
R154	1-216-065-00	METAL CHIP	4.7K 5% 1/10W				< COIL >	
R155	1-216-081-00	METAL CHIP	22K 5% 1/10W					
R156	1-216-069-00	METAL CHIP	6.8K 5% 1/10W	L301	1-410-322-11	INDUCTOR	3.3uH	
R157	1-216-069-00	METAL CHIP	6.8K 5% 1/10W	L302	1-410-322-11	INDUCTOR	3.3uH	

CD MAIN**CD PANEL****DBFB**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>								
< RESISTOR >															
R301	1-249-423-11	CARBON	3.3K 5% 1/4W F	S632	1-554-303-21	SWITCH, TACTILE (DISC SKIP)									
R302	1-249-424-11	CARBON	3.9K 5% 1/4W F	S633	1-554-303-21	SWITCH, TACTILE (DISC 5)									
R303	1-249-415-11	CARBON	680 5% 1/4W F	S634	1-554-303-21	SWITCH, TACTILE (DISC 4)									
R304	1-247-834-11	CARBON	1.3K 5% 1/4W	S635	1-554-303-21	SWITCH, TACTILE (DISC 3)									
R305	1-249-421-11	CARBON	2.2K 5% 1/4W F	S636	1-554-303-21	SWITCH, TACTILE (DISC 2)									
R306	1-249-421-11	CARBON	2.2K 5% 1/4W F	S637	1-554-303-21	SWITCH, TACTILE (DISC 1)									
R307	1-249-415-11	CARBON	680 5% 1/4W F	*****											
R308	1-249-415-11	CARBON	680 5% 1/4W F	* A-4377-985-A DBFB BOARD, COMPLETE											
*****								(N250:E, MX, AR, AUS, PX)							
* 1-654-630-11 CD PANEL BOARD								*****							
*****								< CAPACITOR >							
< DIODE >															
D604	8-719-046-35	DIODE	SEL5921A-TH8F (CD)	C2101	1-124-925-11	ELECT	2.2uF	20%	100V						
D611	8-719-023-94	LED	SEL3910A-CD (II)	C2102	1-136-165-00	FILM	0.1uF	5%	50V						
D612	8-719-046-42	DIODE	SEL5421E-TH8F (D)	C2103	1-136-165-00	FILM	0.1uF	5%	50V						
D617	8-719-046-42	DIODE	SEL5421E-TH8F (N250:E, MX, AR, AUS, PX)	C2131	1-126-101-11	ELECT	100uF	20%	16V						
D618	8-719-046-42	DIODE	SEL5421E-TH8F (N250:E, MX, AR, AUS, PX)	C2132	1-126-101-11	ELECT	100uF	20%	16V						
D619	8-719-046-42	DIODE	SEL5421E-TH8F (N250:E, MX, AR, AUS, PX)	C2133	1-124-902-00	ELECT	0.47uF	20%	50V						
D620	8-719-046-42	DIODE	SEL5421E-TH8F (N250:E, MX, AR, AUS, PX)	C2151	1-124-925-11	ELECT	2.2uF	20%	100V						
D621	8-719-046-42	DIODE	SEL5421E-TH8F (N250:E, MX, AR, AUS, PX)	C2152	1-136-165-00	FILM	0.1uF	5%	50V						
< CONNECTOR >															
CN2101 1-564-506-11 PLUG, CONNECTOR 3P															
CN2102 1-564-511-11 PLUG, CONNECTOR 8P															
< DIODE >															
< RESISTOR >															
R617	1-249-413-11	CARBON	470 5% 1/4W F	D2101	8-719-987-63	DIODE	1N4148M								
R618	1-249-414-11	CARBON	560 5% 1/4W F	D2102	8-719-933-47	DIODE	H2S7B2L								
R619	1-249-416-11	CARBON	820 5% 1/4W F	D2103	8-719-933-47	DIODE	H2S7B2L								
R639	1-249-410-11	CARBON	270 5% 1/4W F	< IC >											
R640	1-249-408-11	CARBON	180 5% 1/4W F	IC2101 8-759-634-51 IC M5218AP											
R641	1-249-409-11	CARBON	220 5% 1/4W F	< TRANSISTOR >											
R642	1-249-411-11	CARBON	330 5% 1/4W	Q2101	8-729-119-78	TRANSISTOR	2SC2785-HFE								
R643	1-249-413-11	CARBON	470 5% 1/4W F	Q2102	8-729-119-78	TRANSISTOR	2SC2785-HFE								
R644	1-249-414-11	CARBON	560 5% 1/4W F	Q2151	8-729-119-78	TRANSISTOR	2SC2785-HFE								
R645	1-249-416-11	CARBON	820 5% 1/4W F	Q2152	8-729-119-78	TRANSISTOR	2SC2785-HFE								
R684	1-249-416-11	CARBON	820 5% 1/4W F (N250:E, MX, AR, AUS, PX)	< RESISTOR >											
< SWITCH >															
S608	1-554-303-21	SWITCH, TACTILE (II)		R2101	1-249-437-11	CARBON	47K 5% 1/4W								
S609	1-554-303-21	SWITCH, TACTILE (II)		R2102	1-247-807-31	CARBON	100 5% 1/4W								
S610	1-554-303-21	SWITCH, TACTILE (D)		R2103	1-249-429-11	CARBON	10K 5% 1/4W								
S611	1-554-303-21	SWITCH, TACTILE (L)		R2104	1-247-863-91	CARBON	22K 5% 1/4W								
S630	1-554-303-21	SWITCH, TACTILE (CD)		R2105	1-247-903-00	CARBON	1.0M 5% 1/4W								
S631	1-554-303-21	SWITCH, TACTILE (OPEN/CLOSE)		R2106	1-249-419-11	CARBON	1.5K 5% 1/4W								
				R2107	1-247-895-00	CARBON	470K 5% 1/4W								
				R2108	1-249-437-11	CARBON	47K 5% 1/4W								

DBFB**H. P****LEAF SW (A)****LEAF SW (B)****LOADING MOTOR**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	
R2131	1-249-423-11	CARBON	3.3K	5%	1/4W	*	1-640-703-11	LEAF SW (B) BOARD	*****			
R2132	1-249-423-11	CARBON	3.3K	5%	1/4W				*****			
R2133	1-249-429-11	CARBON	10K	5%	1/4W		1-571-736-11	SWITCH, LEAF				
R2134	1-249-429-11	CARBON	10K	5%	1/4W			< CAPACITOR >				
R2135	1-249-411-11	CARBON	330	5%	1/4W							
R2136	1-249-441-11	CARBON	100K	5%	1/4W		C545	1-164-159-11 CERAMIC	0.1uF	50V		
R2137	1-247-903-00	CARBON	1.0M	5%	1/4W			< CONNECTOR >				
R2151	1-249-437-11	CARBON	47K	5%	1/4W							
R2152	1-247-807-31	CARBON	100	5%	1/4W	*	CN416	1-568-943-11 PIN, CONNECTOR 5P				
R2153	1-249-429-11	CARBON	10K	5%	1/4W			< SWITCH >				
R2154	1-247-863-91	CARBON	22K	5%	1/4W		S1	1-571-736-11 SWITCH, LEAF (MOTOR B)				
R2155	1-247-903-00	CARBON	1.0M	5%	1/4W		S2	1-571-736-11 SWITCH, LEAF (PLAY B)				
R2156	1-249-419-11	CARBON	1.5K	5%	1/4W		S3	1-571-736-11 SWITCH, LEAF (REC B)				
R2157	1-247-895-00	CARBON	470K	5%	1/4W			*****				
R2158	1-249-437-11	CARBON	47K	5%	1/4W			*****				

*	1-654-627-11	H. P BOARD	*****				1-638-730-11	LOADING MOTOR BOARD	*****			
								< CONNECTOR >				
C1201	1-162-282-31	CERAMIC	100PF	10%	50V (N250:AEP, IT, G)		*	CN705	1-566-214-11 PIN, CONNECTOR (PC BOARD) 2P			
C1202	1-162-282-31	CERAMIC	100PF	10%	50V (N250:AEP, IT, G)				< MOTOR >			
C1203	1-164-159-11	CERAMIC	0.1uF		50V		M702	A-4353-974-A MOTOR ASSY (LOADING)				
C1204	1-164-159-11	CERAMIC	0.1uF		50V			*****				
	< CONNECTOR >			*****					*****			
* CN1205 1-568-954-11 PIN, CONNECTOR 5P												
	< JACK >			*****					*****			
J1201	1-569-113-11	JACK, LARGE TYPE (HEADPHONES)	*****						*****			

*	1-640-702-11	LEAF SW (A) BOARD	*****						< CAPACITOR >			
C544	1-164-159-11	CERAMIC	0.1uF		50V				< CONNECTOR >			
	< CONNECTOR >			*****					*****			
* CN415 1-568-942-11 PIN, CONNECTOR 4P												
	< SWITCH >			*****					*****			
S4	1-571-736-11	SWITCH, LEAF (MOTOR A)	*****						*****			
S5	1-571-736-11	SWITCH, LEAF (PLAY A)	*****						*****			

MAIN

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description		Remark
*	A-4371-914-A	MAIN BOARD, COMPLETE	(N250:CND)	*****	C22	1-124-907-11	ELECT	10uF	20% 50V
*	A-4371-940-A	MAIN BOARD, COMPLETE	(N250:AEP2)	*****	C23	1-124-907-11	ELECT	10uF	20% 50V
*	A-4371-948-A	MAIN BOARD, COMPLETE	(N250:AR)	*****	C24	1-137-436-11	FILM	0.0039uF	5% 50V
*	A-4377-204-A	MAIN BOARD, COMPLETE	(N250:E, MX)	*****	C25	1-137-436-11	FILM	0.0039uF	5% 50V
*	A-4377-253-A	MAIN BOARD, COMPLETE	(N250:AEP1)	*****	C26	1-136-158-00	FILM	0.027uF	5% 50V
*	A-4377-459-A	MAIN BOARD, COMPLETE	(N250:PX)	*****					(N250:AEP, E, IT, G, MX, AR, AUS, PX)
*	A-4377-592-A	MAIN BOARD, COMPLETE	(N250:G)	*****	C26	1-136-160-00	FILM	0.039uF	5% 50V
*	A-4377-594-A	MAIN BOARD, COMPLETE	(N250:IT)	*****	C27	1-136-158-00	FILM	0.027uF	5% 50V
*	A-4377-803-A	MAIN BOARD, COMPLETE	(D260)	*****	C27	1-136-160-00	FILM	0.039uF	5% 50V
*	A-4378-100-A	MAIN BOARD, COMPLETE	(N250:AUS)	*****	C28	1-124-903-11	ELECT	1uF	20% 50V
	1-580-230-11	PIN, CONNECTOR (PC BOARD)	3P BOARD		C29	1-162-294-31	CERAMIC	0.001uF	10% 50V
			(N250:AUS)		C30	1-162-600-11	CERAMIC	0.0047uF	30% 16V
	7-685-646-79	SCREW +BVTP	3X8 TYPE2 N-S		C31	1-124-477-11	ELECT	47uF	20% 25V
					C32	1-126-962-11	ELECT	3.3uF	20% 50V
					C33	1-162-306-11	CERAMIC	0.01uF	30% 16V
					C34	1-124-907-11	ELECT	10uF	20% 50V
					C35	1-162-306-11	CERAMIC	0.01uF	30% 16V
					C38	1-162-211-31	CERAMIC	33PF	5% 50V
									(N250:AEP, IT, G)
					C40	1-101-005-00	CERAMIC	22000PF	50V
					C41	1-164-159-11	CERAMIC	0.1uF	50V
									(N250:AEP)
					C42	1-162-196-31	CERAMIC	5.6PF	10% 50V
									(N250:AEP)
					C42	1-162-198-31	CERAMIC	8.2PF	10% 50V
									(D260/N250:CND, E, IT, G, MX, AR, AUS, PX)
C1	1-162-306-11	CERAMIC	0.01uF	30%	C43	1-162-306-11	CERAMIC	0.01uF	30% 16V
C2	1-126-934-11	ELECT	220uF	20%	C44	1-102-120-00	CERAMIC	0.0018uF	10% 50V
C3	1-162-306-11	CERAMIC	0.01uF	30%					(N250:AEP)
C4	1-162-306-11	CERAMIC	0.01uF	30%	C45	1-162-301-11	CERAMIC	0.0015uF	30% 16V
C5	1-162-306-11	CERAMIC	0.01uF	30%	C46	1-101-005-00	CERAMIC	22000PF	50V
C6	1-162-306-11	CERAMIC	0.01uF	30%					(N250:AEP)
C7	1-162-306-11	CERAMIC	0.01uF	30%	C51	1-164-031-11	CERAMIC	33PF	5% 50V
C8	1-162-306-11	CERAMIC	0.01uF	30%	C52	1-164-027-11	CERAMIC	22PF	5% 50V
C9	1-124-907-11	ELECT	10uF	20%	C53	1-162-306-11	CERAMIC	0.01uF	30% 16V
					C54	1-124-477-11	ELECT	47uF	20% 25V
					C55	1-162-306-11	CERAMIC	0.01uF	30% 16V
C11	1-162-306-11	CERAMIC	0.01uF	30%	C56	1-162-306-11	CERAMIC	0.01uF	30% 16V
C12	1-126-934-11	ELECT	220uF	20%	C57	1-162-306-11	CERAMIC	0.01uF	30% 16V
C13	1-162-306-11	CERAMIC	0.01uF	30%	C58	1-162-306-11	CERAMIC	0.01uF	30% 16V
C14	1-162-306-11	CERAMIC	0.01uF	30%	C61	1-124-925-11	ELECT	2.2uF	20% 100V
C15	1-164-159-11	CERAMIC	0.1uF	50V	C62	1-164-159-11	CERAMIC	0.1uF	50V
C16	1-124-907-11	ELECT	10uF	20%					(N250:AEP)
C17	1-124-902-00	ELECT	0.47uF	20%	C63	1-162-306-11	CERAMIC	0.01uF	30% 16V
C18	1-124-903-11	ELECT	1uF	20%	C67	1-162-294-31	CERAMIC	0.001uF	10% 50V
C19	1-124-903-11	ELECT	1uF	20%					(N250:AEP)
C20	1-124-907-11	ELECT	10uF	20%	C68	1-162-306-11	CERAMIC	0.01uF	30% 16V
C21	1-124-907-11	ELECT	10uF	20%	C69	1-124-120-11	ELECT	220uF	20% 25V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C71	1-136-173-00	FILM	0.47uF	5%	50V (N250:AEP)	C826	1-124-903-11	ELECT	1uF	20%	50V
C72	1-161-494-00	CERAMIC	0.022uF		25V (N250:AEP)	C827	1-124-902-00	ELECT	0.47uF	20%	50V
C73	1-161-494-00	CERAMIC	0.022uF		25V (N250:AEP)	C828	1-124-927-11	ELECT	4.7uF	20%	100V
C530	1-161-494-00	CERAMIC	0.022uF		25V (N250:AEP, IT, G)	C829	1-162-291-31	CERAMIC	560PF	10%	50V
C531	1-161-494-00	CERAMIC	0.022uF		25V (N250:AEP, IT, G)	C830	1-162-301-11	CERAMIC	0.0015uF	30%	16V
C532	1-161-494-00	CERAMIC	0.022uF		25V (N250:AEP, IT, G)	C831	1-164-056-11	CERAMIC	27PF	5%	50V
C700	1-162-282-31	CERAMIC	100PF	10%	50V	C832	1-101-890-00	CERAMIC	75PF	5%	50V
C701	1-162-290-31	CERAMIC	470PF	10%	50V	C833	1-162-288-31	CERAMIC	330PF	10%	50V
C702	1-137-372-11	FILM	0.022uF	5%	50V	C834	1-164-066-11	CERAMIC	68PF	5%	50V
C703	1-124-907-11	ELECT	10uF	20%	50V	C903	1-126-176-11	ELECT	220uF	20%	10V
C704	1-162-292-31	CERAMIC	680PF	10%	50V	C904	1-126-176-11	ELECT	220uF	20%	10V
C710	1-162-282-31	CERAMIC	100PF	10%	50V	C905	1-124-443-00	ELECT	100uF	20%	10V
C711	1-162-289-31	CERAMIC	390PF	10%	50V	C906	1-124-443-00	ELECT	100uF	20%	10V
C712	1-137-372-11	FILM	0.022uF	5%	50V	C907	1-124-443-00	ELECT	100uF	20%	10V
C713	1-124-907-11	ELECT	10uF	20%	50V	C908	1-124-443-00	ELECT	100uF	20%	10V
C715	1-126-176-11	ELECT	220uF	20%	10V	C909	1-124-907-11	ELECT	10uF	20%	50V
C721	1-137-368-11	FILM	0.0047uF	5%	50V	C910	1-124-907-11	ELECT	10uF	20%	50V
C722	1-124-903-11	ELECT	1uF	20%	50V	C915	1-126-933-11	ELECT	100uF	20%	16V
C723	1-124-927-11	ELECT	4.7uF	20%	100V	C920	1-162-306-11	CERAMIC	0.01uF	30%	16V
C724	1-137-399-11	FILM	0.1uF	5%	50V (D260/N250:CND, AEP, IT, G)	C921	1-124-925-11	ELECT	2.2uF	20%	100V
C726	1-124-903-11	ELECT	1uF	20%	50V	C922	1-130-848-00	FILM	0.0082uF	5%	100V
C727	1-124-902-00	ELECT	0.47uF	20%	50V	C923	1-124-925-11	ELECT	2.2uF	20%	100V
C728	1-124-927-11	ELECT	4.7uF	20%	100V	C924	1-137-438-11	FILM	0.0082uF	5%	50V
C729	1-162-291-31	CERAMIC	560PF	10%	50V	C925	1-162-305-11	CERAMIC	0.0068uF	30%	16V
C730	1-162-301-11	CERAMIC	0.0015uF	30%	16V	C926	1-137-436-11	FILM	0.0039uF	5%	50V
C731	1-164-056-11	CERAMIC	27PF	5%	50V	C927	1-137-436-11	FILM	0.0039uF	5%	50V
C732	1-101-890-00	CERAMIC	75PF	5%	50V	C928	1-137-372-11	FILM	0.022uF	5%	50V
C733	1-162-288-31	CERAMIC	330PF	10%	50V	C929	1-124-120-11	ELECT	220uF	20%	25V
C734	1-164-066-11	CERAMIC	68PF	5%	50V	C931	1-124-120-11	ELECT	220uF	20%	25V
C800	1-162-282-31	CERAMIC	100PF	10%	50V	C932	1-164-159-11	CERAMIC	0.1uF	50V	
C801	1-162-290-31	CERAMIC	470PF	10%	50V	C933	1-164-159-11	CERAMIC	0.1uF	50V	
C802	1-137-372-11	FILM	0.022uF	5%	50V	C934	1-164-159-11	CERAMIC	0.1uF	50V	
C803	1-124-907-11	ELECT	10uF	20%	50V	C938	1-162-282-31	CERAMIC	100PF	10%	50V
C804	1-162-292-31	CERAMIC	680PF	10%	50V	C941	1-124-927-11	ELECT	4.7uF	20%	100V
C810	1-162-282-31	CERAMIC	100PF	10%	50V	C942	1-164-159-11	CERAMIC	0.1uF	50V	
C811	1-162-289-31	CERAMIC	390PF	10%	50V	C943	1-124-903-11	ELECT	1uF	20%	50V (D260/N250:CND, AEP, IT, G)
C812	1-137-372-11	FILM	0.022uF	5%	50V	C1001	1-162-286-21	CERAMIC	220PF	10%	50V (N250:AEP, IT, G)
C813	1-124-907-11	ELECT	10uF	20%	50V	C1003	1-162-282-31	CERAMIC	100PF	10%	50V (EXCEPT N250:AUS)
C815	1-126-176-11	ELECT	220uF	20%	10V	C1003	1-162-286-21	CERAMIC	220PF	10%	50V (N250:AUS)
C821	1-137-368-11	FILM	0.0047uF	5%	50V	C1004	1-162-282-31	CERAMIC	100PF	10%	50V (EXCEPT N250:AUS)
C822	1-124-903-11	ELECT	1uF	20%	50V	C1005	1-124-927-11	ELECT	4.7uF	20%	100V (EXCEPT N250:AUS)
C823	1-124-927-11	ELECT	4.7uF	20%	100V	C1006	1-162-600-11	CERAMIC	0.0047uF	20%	16V (EXCEPT N250:AUS)
C824	1-137-399-11	FILM	0.1uF	5%	50V (D260/N250:CND, AEP, IT, G)	C1007	1-162-301-11	CERAMIC	0.0015uF	20%	16V (EXCEPT N250:AUS)

MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark		
C1008	1-124-464-11	ELECT	0.22uF	20%	50V		C1182	1-124-907-11	ELECT	10uF	20%	50V	
				(EXCEPT N250:AUS)			C1191	1-124-907-11	ELECT	10uF	20%	50V	
C1009	1-124-477-11	ELECT	47uF	20%	25V		C1192	1-124-907-11	ELECT	10uF	20%	50V	
				(N250:AEP, IT, G)			C1193	1-124-907-11	ELECT	10uF	20%	50V	
C1010	1-164-159-11	CERAMIC	0.1uF		50V		C1199	1-164-159-11	CERAMIC	0.1uF		50V	
C1045	1-124-925-11	ELECT	2.2uF	20%	100V		C1221	1-124-443-00	ELECT	100uF	20%	10V	
C1051	1-162-286-21	CERAMIC	220PF	10%	50V		C1222	1-126-176-11	ELECT	220uF	20%	10V	
				(N250:AEP, IT, G)			C1223	1-126-176-11	ELECT	220uF	20%	10V	
C1053	1-162-282-31	CERAMIC	100PF	10%	50V		C1224	1-124-925-11	ELECT	2.2uF	20%	100V	
C1053	1-162-286-21	CERAMIC	220PF	10%	50V		C1247	1-161-494-00	CERAMIC	0.022uF		25V	
				(N250:AUS)			C1248	1-137-375-11	FILM	0.068uF	5%	50V	
C1054	1-162-282-31	CERAMIC	100PF	10%	50V		C1249	1-137-375-11	FILM	0.068uF	5%	50V	
				(EXCEPT N250:AUS)						(D260/N250:CND, AEP, IT, G)			
C1055	1-124-927-11	ELECT	4.7uF	20%	100V						(D260/N250:CND, AEP, IT, G)		
				(EXCEPT N250:AUS)			C1297	1-161-494-00	CERAMIC	0.022uF		25V	
C1056	1-162-600-11	CERAMIC	0.0047uF	20%	16V		C1298	1-137-375-11	FILM	0.068uF	5%	50V	
				(EXCEPT N250:AUS)			C1299	1-137-375-11	FILM	0.068uF	5%	50V	
C1057	1-162-301-11	CERAMIC	0.0015uF	20%	16V		C1301	1-136-165-00	FILM	0.1uF	5%	50V	
				(EXCEPT N250:AUS)			C1302	1-136-165-00	FILM	0.1uF	5%	50V	
C1058	1-124-464-11	ELECT	0.22uF	20%	50V		C1303	1-126-974-11	ELECT	3300uF	20%	50V	
				(EXCEPT N250:AUS)			C1303	1-128-549-11	ELECT	3300uF	20%	35V	
C1059	1-124-477-11	ELECT	47uF	20%	25V		C1304	1-126-974-11	ELECT	3300uF	20%	50V	
				(N250:AEP, IT, G)			C1304	1-128-549-11	ELECT	3300uF	20%	35V	
C1060	1-164-159-11	CERAMIC	0.1uF		50V						(N250:AEP, IT, G)		
C1083	1-162-306-11	CERAMIC	0.01uF	30%	16V		C1305	1-126-105-11	ELECT	1000uF	20%	35V	
C1084	1-162-306-11	CERAMIC	0.01uF	30%	16V		C1306	1-126-101-11	ELECT	100uF	20%	16V	
C1101	1-137-440-11	FILM	0.018uF	5%	50V		C1307	1-124-477-11	ELECT	47uF	20%	25V	
C1102	1-124-903-11	ELECT	1uF	20%	50V		C1321	1-124-122-11	ELECT	100uF	20%	50V	
C1103	1-162-302-11	CERAMIC	0.0022uF	20%	16V		C1322	1-124-122-11	ELECT	100uF	20%	50V	
C1104	1-137-443-11	FILM	0.056uF	5%	50V		C1331	1-136-165-00	FILM	0.1uF	5%	50V	
C1105	1-162-600-11	CERAMIC	0.0047uF	20%	16V		C1332	1-136-165-00	FILM	0.1uF	5%	50V	
C1106	1-136-171-00	FILM	0.33uF	5%	50V		C1333	1-124-910-11	ELECT	47uF	20%	50V	
C1107	1-136-167-00	FILM	0.15uF	5%	50V		C1334	1-124-122-11	ELECT	100uF	20%	50V	
C1111	1-137-372-11	FILM	0.022uF	5%	50V		C1335	1-124-771-00	ELECT	6800uF	20%	25V	
C1131	1-124-902-00	ELECT	0.47uF	20%	50V		C1336	1-124-636-00	ELECT	3300uF	20%	25V	
				(N250:E, MX, AR, AUS, PX)			C1332	1-124-907-11	ELECT	10uF	20%	50V	
C1131	1-124-907-11	ELECT	10uF	20%	50V		C1341	1-124-907-11	ELECT	0.1uF	20%	50V	
C1132	1-124-907-11	ELECT	10uF	20%	50V		C1342	1-124-463-00	ELECT	0.1uF	20%	50V	
C1133	1-124-927-11	ELECT	4.7uF	20%	100V		C1343	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1151	1-137-440-11	FILM	0.018uF	5%	50V		C1344	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1152	1-124-903-11	ELECT	1uF	20%	50V		C1345	1-124-907-11	ELECT	10uF	20%	50V	
C1153	1-162-302-11	CERAMIC	0.0022uF	20%	16V		C1346	1-124-907-11	ELECT	10uF	20%	50V	
C1154	1-137-443-11	FILM	0.056uF	5%	50V		C1361	1-124-473-11	ELECT	1000uF	20%	10V	
C1155	1-162-600-11	CERAMIC	0.0047uF	20%	16V		C1362	1-124-473-11	ELECT	1000uF	20%	10V	
C1156	1-136-171-00	FILM	0.33uF	5%	50V		C1364	1-126-927-11	ELECT	2200uF	20%	6.3V	
C1157	1-136-167-00	FILM	0.15uF	5%	50V		C1365	1-124-472-11	ELECT	470uF	20%	10V	
C1161	1-137-443-11	FILM	0.056uF	5%	50V								
C1181	1-124-902-00	ELECT	0.47uF	20%	50V								
				(N250:E, MX, AR, AUS, PX)									
C1181	1-124-907-11	ELECT	10uF	20%	50V								
				(D260/N250:CND, AEP, IT, G)									

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1371	1-124-477-11	ELECT	47uF 20% 25V (N250:AEP2, E, MX)	CN1751	1-770-064-11	CONNECTOR, FFC/FPC 29P	
C1382	1-124-443-00	ELECT	100uF 20% 10V			< DIODE >	
C1383	1-126-101-11	ELECT	100uF 20% 16V	D1	8-719-987-63	DIODE	1N4148M
C1391	1-124-472-11	ELECT	470uF 20% 10V	D901	8-719-200-82	DIODE	11ES2
C1502	1-164-159-11	CERAMIC	0.1uF 50V	D902	8-719-987-63	DIODE	1N4148M
C1503	1-164-159-11	CERAMIC	0.1uF 50V	D903	8-719-987-63	DIODE	1N4148M
C1567	1-164-159-11	CERAMIC	0.1uF 50V	D904	8-719-987-63	DIODE	1N4148M
C1568	1-162-282-31	CERAMIC	100PF 10% 50V	D905	8-719-987-63	DIODE	1N4148M
C1801	1-124-907-11	ELECT	10uF 20% 50V	D906	8-719-987-63	DIODE	1N4148M
C1802	1-162-306-11	CERAMIC	0.01uF 30% 16V	D1101	8-719-987-63	DIODE	1N4148M
C1851	1-124-443-00	ELECT	100uF 20% 10V	D1204	8-719-987-63	DIODE	1N4148M
C1852	1-164-159-11	CERAMIC	0.1uF 50V	D1205	8-719-987-63	DIODE	1N4148M
C1853	1-102-948-00	CERAMIC	11PF 5% 50V	D1206	8-719-987-63	DIODE	1N4148M
C1854	1-102-948-00	CERAMIC	11PF 5% 50V	D1301	8-719-312-09	DIODE	RBA-402 (N250)
C1855	1-124-443-00	ELECT	100uF 20% 10V	D1301	8-719-510-68	DIODE	D5SBA20F01 (D260)
C1861	1-162-306-11	CERAMIC	0.01uF 30% 16V	D1309	8-719-987-63	DIODE	1N4148M
C1862	1-162-306-11	CERAMIC	0.01uF 30% 16V	D1310	8-719-987-63	DIODE	1N4148M
C1863	1-164-159-11	CERAMIC	0.1uF 50V	D1311	8-719-200-82	DIODE	11ES2
C1865	1-124-442-00	ELECT	330uF 20% 6.3V	D1312	8-719-001-43	DIODE	UZL-11M1
C1866	1-124-442-00	ELECT	330uF 20% 6.3V	D1321	8-719-200-82	DIODE	11ES2
C1867	1-162-294-31	CERAMIC	0.001uF 10% 50V	D1322	8-719-200-82	DIODE	11ES2
C1868	1-164-159-11	CERAMIC	0.1uF 50V	D1323	8-719-011-05	DIODE	UZ-27BS
C1869	1-162-294-31	CERAMIC	0.001uF 10% 50V	D1331	8-719-200-82	DIODE	11ES2
C1870	1-162-306-11	CERAMIC	0.01uF 30% 16V	D1332	8-719-200-82	DIODE	11ES2
C1872	1-162-306-11	CERAMIC	0.01uF 30% 16V	D1333	8-719-200-82	DIODE	11ES2
			< FILTER >	D1334	8-719-200-82	DIODE	11ES2
CF1	1-567-389-11	FILTER, CERAMIC (10.7MHz)		D1341	8-719-987-63	DIODE	1N4148M
CF2	1-760-393-11	FILTER, CERAMIC (10.7MHz) (N250:AEP, IT, G)		D1361	8-719-200-82	DIODE	11ES2
CF3	1-567-389-11	FILTER, CERAMIC (10.7MHz) (D260/N250:CND, E, MX, AR, AUS, PX)		D1362	8-719-200-82	DIODE	11ES2
CF3	1-760-393-11	FILTER, CERAMIC (10.7MHz) (N250:AEP, IT, G)		D1364	8-719-200-82	DIODE	11ES2
CF4	1-760-220-11	FILTER, CERAMIC (10.7MHz)		D1365	8-719-200-82	DIODE	11ES2
				D1366	8-719-200-82	DIODE	11ES2
CF5	1-527-981-00	FILTER, CERAMIC (450kHz)		D1367	8-719-200-82	DIODE	11ES2
CF6	1-577-075-11	OSCILLATOR, CERAMIC (456kHz)		D1381	8-719-987-63	DIODE	1N4148M
			< CONNECTOR >	D1382	8-719-987-63	DIODE	1N4148M
CN903	1-564-506-11	PLUG, CONNECTOR 3P		D1391	8-719-987-63	DIODE	1N4148M
* CN904	1-564-509-11	PLUG, CONNECTOR 6P		D1701	8-719-024-98	DIODE	11EQS04
CN905	1-564-505-11	PLUG, CONNECTOR 2P		D1702	8-719-987-63	DIODE	1N4148M
* CN906	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P		D1851	8-719-200-82	DIODE	11ES2
* CN911	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P		D1852	8-719-987-63	DIODE	1N4148M
				D1853	8-719-987-63	DIODE	1N4148M
* CN912	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P		D1931	8-719-987-63	DIODE	1N4148M (N250:E, MX, AR, AUS, PX)
* CN913	1-568-449-11	HOUSING, CONNECTOR (PC BOARD) 3P					< FRONTEND >
* CN1001	1-565-042-11	HOUSING, CONNECTOR (PC BOARD) 5P					
				FE1	1-693-090-51	FRONT END (FM) (2 GANG)	
							(D260/N250:CND, E, MX, AR, AUS, PX)
CN1301	1-764-332-11	PIN, CONNECTOR (PCB) (V TYPE) 9P		FE1	1-693-276-11	FRONT END (4 GANG) (N250:AEP, IT, G)	
* CN1371	1-566-210-11	PIN, CONNECTOR 3P (N250:AEP2, E, MX)					
* CN1501	1-568-834-11	SOCKET, CONNECTOR 15P					
CN1501	1-750-420-11	CONNECTOR, FFC/FPC 15P					

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< IC >							
IC1	8-759-200-60	IC TA7060AP (N250:AEP, IT, G)		Q1	8-729-230-99	TRANSISTOR 2SC2669-OY	
IC2	8-759-200-60	IC TA7060AP (N250:AEP, IT, G)				(D260/N250:CND, E, MX, AR, AUS, PX)	
IC3	8-759-176-03	IC LA1835		Q2	8-729-230-99	TRANSISTOR 2SC2669-OY	
IC51	8-759-288-54	IC LC72130				(D260/N250:CND, E, MX, AR, AUS, PX)	
IC903	8-759-289-38	IC HA12195NT (D260/N250:CND, AEP, IT, G)		Q3	8-729-230-99	TRANSISTOR 2SC2669-OY	
IC903	8-759-289-39	IC HA12196NT (N250:E, MX, AR, AUS, PX)				(D260/N250:CND, E, MX, AR, AUS, PX)	
IC904	8-759-111-44	IC UPC4570C-1		Q4	8-729-230-99	TRANSISTOR 2SC2669-OY	
IC905	8-759-111-44	IC UPC4570C-1				(D260/N250:CND, E, MX, AR, AUS, PX)	
IC906	8-759-143-54	IC UPC1330HA		Q5	8-729-422-57	TRANSISTOR UN4111	
IC1001	8-759-634-51	IC M5218AP (EXCEPT N250:AUS)		Q6	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC1002	8-759-000-48	IC MC14052BCP		Q7	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC1101	8-759-291-98	IC M62423FP		Q8	8-729-900-80	TRANSISTOR DTC114ES (N250:AEP)	
IC1131	8-759-281-42	IC TC9210P		Q9	8-729-900-80	TRANSISTOR DTC114ES (N250:AEP)	
IC1202	8-759-111-68	IC UPC1237HA		Q10	8-729-900-80	TRANSISTOR DTC114ES (N250:AEP)	
IC1341	8-759-820-13	IC L78MR06		Q11		TRANSISTOR UN4211 (N250:AEP)	
IC1351	8-759-288-53	IC LA5617		Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC1381	8-759-802-22	IC L780S10				(N250:E, MX, AR, AUS, PX)	
IC1391	8-759-604-86	IC MSF7807		Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC1501	8-759-333-93	IC TMP87CP64F-6254		Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC1502	8-759-917-18	IC SN74HCU04AN		Q902	8-729-119-78	TRANSISTOR 2SC2785-HFE	
< IFT >							
IFT1	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)		Q903	8-729-119-76	TRANSISTOR 2SA1175-HFE	
< JACK >							
* J1001	1-580-691-11	JACK, PIN 2P (PHONO or VIDEO)		Q904	8-729-119-78	TRANSISTOR 2SC2785-HFE	
< COIL >							
L1	1-407-500-00	INDUCTOR 4.7mH (N250:AEP)		Q905	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L1	1-410-688-31	INDUCTOR 1.5mH (D260/N250:CND, E, IT, G, MX, AR, AUS, PX)		Q906	8-729-900-89	TRANSISTOR DTC144ES	
L2	1-410-524-41	INDUCTOR 220uH (N250:AEP)		Q909	8-729-900-65	TRANSISTOR DTA144ES	
L3	1-410-316-11	INDUCTOR 1uH (N250:AEP)		Q1001	8-729-900-80	TRANSISTOR DTC114ES	
L31	1-414-142-11	INDUCTOR 1uH (N250:AEP, IT, G)		Q1002	8-729-900-80	TRANSISTOR DTC114ES	
L701	1-410-780-11	INDUCTOR 27mH		Q1101	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L801	1-410-780-11	INDUCTOR 27mH		Q1131	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L901	1-414-223-11	INDUCTOR 470uH		Q1151	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L1201	1-420-872-00	COIL, AIR-CORE (N250:AEP, IT, G)		Q1181	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L1251	1-420-872-00	COIL, AIR-CORE (N250:AEP, IT, G)		Q1204	8-729-900-63	TRANSISTOR DTA124ES	
L1851	1-410-521-11	INDUCTOR 100uH		Q1205	8-729-900-80	TRANSISTOR DTC114ES	
L1852	1-410-521-11	INDUCTOR 100uH		Q1206	8-729-900-80	TRANSISTOR DTC114ES	
< FILTER >							
LPF1	1-239-597-11	FILTER, LOW PASS (D260/N250:CND, AEP, IT, G)		Q1301	8-729-209-15	TRANSISTOR 2SD2012 (D260/N250:CND, E, MX, AR, AUS, PX)	
LPF2	1-239-597-11	FILTER, LOW PASS (D260/N250:CND, AEP, IT, G)		Q1302	8-729-209-15	TRANSISTOR 2SD2012 (N250:AEP, IT, G)	
< FILTER >							
Q1303	8-729-900-80	TRANSISTOR DTC114ES		Q1303	8-729-900-80	TRANSISTOR DTC114ES	
Q1321	8-729-141-83	TRANSISTOR 2SB1094-LK		Q1361	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q1362	8-729-900-80	TRANSISTOR DTC114ES		Q1362	8-729-900-80	TRANSISTOR DTC114ES	
Q1363	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1363	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1364	8-729-900-80	TRANSISTOR DTC114ES		Q1364	8-729-900-80	TRANSISTOR DTC114ES	
Q1801	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1851	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1851	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1852	8-729-900-80	TRANSISTOR DTC114ES		Q1852	8-729-900-80	TRANSISTOR DTC114ES	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
< RESISTOR >											
R4	1-249-402-11	CARBON	56	5%	1/4W F	R56	1-249-417-11	CARBON	1K	5%	1/4W F (N250:AEP)
R5	1-249-411-11	CARBON	330	5%	1/4W	R57	1-249-429-11	CARBON	10K	5%	1/4W (N250:AEP)
R6	1-247-863-91	CARBON	22K	5%	1/4W	R58	1-249-417-11	CARBON	1K	5%	1/4W F
R7	1-249-411-11	CARBON	330	5%	1/4W	R59	1-249-417-11	CARBON	1K	5%	1/4W F
R8	1-249-411-11	CARBON	330	5%	1/4W F	R60	1-249-405-11	CARBON	100	5%	1/4W F
(D260/N250:CND, E, MX, AR, AUS, PX)											
R9	1-247-863-91	CARBON	22K	5%	1/4W	R61	1-249-423-11	CARBON	3.3K	5%	1/4W F
R10	1-249-411-11	CARBON	330	5%	1/4W	R62	1-249-425-11	CARBON	4.7K	5%	1/4W F
R11	1-247-863-91	CARBON	22K	5%	1/4W	R63	1-249-425-11	CARBON	4.7K	5%	1/4W F
R12	1-249-411-11	CARBON	330	5%	1/4W	R64	1-249-425-11	CARBON	4.7K	5%	1/4W F
R13	1-249-411-11	CARBON	330	5%	1/4W	R65	1-247-807-31	CARBON	100	5%	1/4W
(D260/N250:CND, E, MX, AR, AUS, PX)											
R14	1-247-863-91	CARBON	22K	5%	1/4W	R66	1-249-425-11	CARBON	4.7K	5%	1/4W F
R15	1-249-405-11	CARBON	100	5%	1/4W F	R71	1-249-423-11	CARBON	3.3K	5%	1/4W F (N250:AEP)
R16	1-249-442-11	CARBON	510	5%	1/4W	R72	1-247-863-91	CARBON	22K	5%	1/4W (N250:AEP)
R17	1-249-403-11	CARBON	68	5%	1/4W F	R73	1-249-425-11	CARBON	4.7K	5%	1/4W F (N250:AEP)
R18	1-247-842-11	CARBON	3K	5%	1/4W	R74	1-249-425-11	CARBON	4.7K	5%	1/4W F (N250:AEP)
R19	1-249-441-11	CARBON	100K	5%	1/4W	R75	1-249-425-11	CARBON	4.7K	5%	1/4W F (N250:AEP)
R20	1-249-429-11	CARBON	10K	5%	1/4W	R684	1-249-409-11	CARBON	220	5%	1/4W F (N250:E, MX, AR, AUS, PX)
R21	1-249-423-11	CARBON	3.3K	5%	1/4W F	R684	1-249-413-11	CARBON	470	5%	1/4W F (N250:E, MX, AR, AUS, PX)
R22	1-249-423-11	CARBON	3.3K	5%	1/4W F	R701	1-247-889-00	CARBON	270K	5%	1/4W
R23	1-249-426-11	CARBON	5.6K	5%	1/4W	R702	1-249-404-00	CARBON	82	5%	1/4W F
R24	1-249-426-11	CARBON	5.6K	5%	1/4W	R703	1-247-882-11	CARBON	130K	5%	1/4W
R25	1-249-429-11	CARBON	10K	5%	1/4W	R704	1-247-850-11	CARBON	6.2K	5%	1/4W
R26	1-249-429-11	CARBON	10K	5%	1/4W (N250:AEP)	R711	1-247-889-00	CARBON	270K	5%	1/4W
R40	1-249-399-11	CARBON	33	5%	1/4W F	R712	1-249-404-00	CARBON	82	5%	1/4W F
R41	1-249-429-11	CARBON	10K	5%	1/4W (N250:AEP)	R713	1-247-882-11	CARBON	130K	5%	1/4W
R42	1-249-429-11	CARBON	10K	5%	1/4W (N250:AEP)	R714	1-247-850-11	CARBON	6.2K	5%	1/4W
R43	1-249-441-11	CARBON	100K	5%	1/4W	R715	1-247-863-91	CARBON	22K	5%	1/4W
R44	1-249-425-11	CARBON	4.7K	5%	1/4W F (N250:AEP)	R720	1-249-425-11	CARBON	4.7K	5%	1/4W F
R45	1-249-437-11	CARBON	47K	5%	1/4W	R721	1-249-429-11	CARBON	10K	5%	1/4W
R46	1-247-903-00	CARBON	1M	5%	1/4W (N250:AEP)	R722	1-249-431-11	CARBON	15K	5%	1/4W
R47	1-247-863-91	CARBON	22K	5%	1/4W (N250:AEP)	R723	1-249-429-11	CARBON	10K	5%	1/4W
R48	1-249-437-11	CARBON	47K	5%	1/4W (N250:AEP)	R724	1-249-421-11	CARBON	2.2K	5%	1/4W F
R50	1-249-401-11	CARBON	47	5%	1/4W F	R725	1-249-428-11	CARBON	8.2K	5%	1/4W F
R51	1-249-417-11	CARBON	1K	5%	1/4W F	R726	1-249-420-11	CARBON	1.8K	5%	1/4W F
R51	1-249-423-11	CARBON	3.3K	5%	1/4W F	R727	1-247-863-91	CARBON	22K	5%	1/4W
R52	1-249-417-11	CARBON	1K	5%	1/4W F	R728	1-249-417-11	CARBON	1K	5%	1/4W F
R52	1-249-429-11	CARBON	10K	5%	1/4W	R731	1-249-430-11	CARBON	12K	5%	1/4W
R53	1-249-417-11	CARBON	1K	5%	1/4W F	R801	1-247-889-00	CARBON	270K	5%	1/4W
R53	1-249-429-11	CARBON	10K	5%	1/4W	R802	1-249-404-00	CARBON	82	5%	1/4W F
R55	1-249-429-11	CARBON	10K	5%	1/4W	R803	1-247-882-11	CARBON	130K	5%	1/4W
						R804	1-247-850-11	CARBON	6.2K	5%	1/4W
						R811	1-247-889-00	CARBON	270K	5%	1/4W
						R812	1-249-404-00	CARBON	82	5%	1/4W F

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R813	1-247-882-11	CARBON	130K 5% 1/4W	R958	1-249-417-11	CARBON	1K 5% 1/4W F
R814	1-247-850-11	CARBON	6.2K 5% 1/4W	R1001	1-249-417-11	CARBON	1K 5% 1/4W F (N250:AEP, IT, G)
R815	1-247-863-91	CARBON	22K 5% 1/4W	R1002	1-249-422-11	CARBON	2.7K 5% 1/4W (N250:AUS)
R820	1-249-425-11	CARBON	4.7K 5% 1/4W F	R1002	1-249-417-11	CARBON	1K 5% 1/4W F (EXCEPT N250:AUS)
R821	1-249-429-11	CARBON	10K 5% 1/4W	R1003	1-249-427-11	CARBON	6.8K 5% 1/4W (N250:AUS)
R822	1-249-431-11	CARBON	15K 5% 1/4W	R1003	1-249-437-11	CARBON	47K 5% 1/4W (EXCEPT N250:AUS)
R823	1-249-429-11	CARBON	10K 5% 1/4W	R1004	1-249-416-11	CARBON	820 5% 1/4W F (D260/N250:CND, AEP, IT, G)
R824	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1004	1-249-419-11	CARBON	1.5K 5% 1/4W F (N250:E, MX, AR, PX)
R825	1-249-428-11	CARBON	8.2K 5% 1/4W F	R1005	1-247-897-11	CARBON	560K 5% 1/4W (EXCEPT N250:AUS)
R826	1-249-420-11	CARBON	1.8K 5% 1/4W F	R1006	1-249-437-11	CARBON	47K 5% 1/4W (EXCEPT N250:AUS)
R827	1-247-863-91	CARBON	22K 5% 1/4W	R1007	1-249-409-11	CARBON	220 5% 1/4W F (EXCEPT N250:AUS)
R828	1-249-417-11	CARBON	1K 5% 1/4W F	R1008	1-249-441-11	CARBON	100K 5% 1/4W (EXCEPT N250:AUS)
R831	1-249-430-11	CARBON	12K 5% 1/4W	R1009	1-249-409-11	CARBON	220 5% 1/4W F (N250:AEP, IT, G)
R903	1-249-413-11	CARBON	470 5% 1/4W F	R1011	1-247-863-91	CARBON	22K 5% 1/4W
R904	1-249-413-11	CARBON	470 5% 1/4W F	R1012	1-247-863-91	CARBON	22K 5% 1/4W
R905	1-249-413-11	CARBON	470 5% 1/4W F	R1046	1-249-421-11	CARBON	2.2K 5% 1/4W F
R906	1-249-413-11	CARBON	470 5% 1/4W F	R1047	1-249-417-11	CARBON	1K 5% 1/4W F
R910	1-249-429-11	CARBON	10K 5% 1/4W (D260/N250:CND, AEP, IT, G)	R1049	1-249-441-11	CARBON	100K 5% 1/4W
R911	1-215-451-00	METAL	18K 1% 1/4W (D260/N250:CND, AEP, IT, G)	R1050	1-249-434-11	CARBON	27K 5% 1/4W
R912	1-249-440-11	CARBON	82K 5% 1/4W	R1051	1-249-417-11	CARBON	1K 5% 1/4W F (N250:AEP, IT, G)
R913	1-247-862-11	CARBON	20K 5% 1/4W	R1052	1-249-422-11	CARBON	2.7K 5% 1/4W (N250:AUS)
R915	1-249-429-11	CARBON	10K 5% 1/4W	R1052	1-249-417-11	CARBON	1K 5% 1/4W F (EXCEPT N250:AUS)
R916	1-249-429-11	CARBON	10K 5% 1/4W	R1053	1-249-427-11	CARBON	6.8K 5% 1/4W (N250:AUS)
R917	1-247-864-11	CARBON	24K 5% 1/4W	R1053	1-249-437-11	CARBON	47K 5% 1/4W (EXCEPT N250:AUS)
R918	1-249-429-11	CARBON	10K 5% 1/4W	R1054	1-249-416-11	CARBON	820 5% 1/4W F (D260/N250:CND, AEP, IT, G)
R919	1-249-429-11	CARBON	10K 5% 1/4W	R1054	1-249-419-11	CARBON	1.5K 5% 1/4W F (N250:E, MX, AR, PX)
R920	1-249-429-11	CARBON	10K 5% 1/4W	R1055	1-247-897-11	CARBON	560K 5% 1/4W (EXCEPT N250:AUS)
R921	1-249-424-11	CARBON	3.9K 5% 1/4W F	R1056	1-249-437-11	CARBON	47K 5% 1/4W F (EXCEPT N250:AUS)
R922	1-249-389-11	CARBON	4.7 5% 1/4W F	R1057	1-249-409-11	CARBON	220 5% 1/4W F (EXCEPT N250:AUS)
R923	1-249-434-11	CARBON	27K 5% 1/4W	R1058	1-249-441-11	CARBON	100K 5% 1/4W F (EXCEPT N250:AUS)
R924	1-249-434-11	CARBON	27K 5% 1/4W	R1059	1-249-409-11	CARBON	220 5% 1/4W F (N250:AEP, IT, G)
R925	1-249-429-11	CARBON	10K 5% 1/4W				
R926	1-249-389-11	CARBON	4.7 5% 1/4W F				
R931	1-215-905-11	METAL OXIDE	10 5% 3W F				
R932	1-249-426-11	CARBON	5.6K 5% 1/4W				
R933	1-249-442-11	CARBON	510 5% 1/4W				
R934	1-249-441-11	CARBON	100K 5% 1/4W				
R935	1-249-441-11	CARBON	100K 5% 1/4W				
R946	1-249-429-11	CARBON	10K 5% 1/4W				
R947	1-249-429-11	CARBON	10K 5% 1/4W				
R948	1-249-429-11	CARBON	10K 5% 1/4W				
R949	1-249-429-11	CARBON	10K 5% 1/4W (D260/N250:CND, AEP, IT, G)				
R950	1-249-429-11	CARBON	10K 5% 1/4W				
R951	1-249-429-11	CARBON	10K 5% 1/4W				
R953	1-249-429-11	CARBON	10K 5% 1/4W				
R954	1-249-417-11	CARBON	1K 5% 1/4W F				
R955	1-249-421-11	CARBON	2.2K 5% 1/4W F				

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1096	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1290	1-249-437-11	CARBON	47K 5% 1/4W
R1097	1-249-417-11	CARBON	1K 5% 1/4W F	R1298	1-249-385-11	CARBON	2. 2 5% 1/6W F (N250:AEP, IT, G)
R1099	1-249-441-11	CARBON	100K 5% 1/4W	R1299	1-249-385-11	CARBON	2. 2 5% 1/6W F (N250:AEP, IT, G)
R1100	1-249-434-11	CARBON	27K 5% 1/4W	R1303	1-249-429-11	CARBON	10K 5% 1/4W
R1101	1-249-429-11	CARBON	10K 5% 1/4W	R1304	1-249-429-11	CARBON	10K 5% 1/4W
R1102	1-247-863-91	CARBON	22K 5% 1/4W	R1311	1-249-423-11	CARBON	3. 3K 5% 1/4W F
R1131	1-249-437-11	CARBON	47K 5% 1/4W	R1312	1-249-381-11	CARBON	1 5% 1/4W F (D260/N250:CND, AEP, IT, G)
R1133	1-249-429-11	CARBON	10K 5% 1/4W	R1313	1-249-381-11	CARBON	1 5% 1/4W F (D260/N250:CND, AEP, IT, G)
R1134	1-249-437-11	CARBON	47K 5% 1/4W	R1316	1-249-393-11	CARBON	10 5% 1/4W F
R1135	1-249-417-11	CARBON	1K 5% 1/4W F	R1321	1-249-421-11	CARBON	2. 2K 5% 1/4W F
R1151	1-249-429-11	CARBON	10K 5% 1/4W	R1322	1-249-435-11	CARBON	33K 5% 1/4W
R1152	1-247-863-91	CARBON	22K 5% 1/4W	R1341	1-249-417-11	CARBON	1K 5% 1/4W F
R1181	1-249-437-11	CARBON	47K 5% 1/4W	R1342	1-249-429-11	CARBON	10K 5% 1/4W
R1183	1-249-429-11	CARBON	10K 5% 1/4W	R1355	1-249-417-11	CARBON	1K 5% 1/4W F
R1184	1-249-437-11	CARBON	47K 5% 1/4W	R1361	1-249-421-11	CARBON	2. 2K 5% 1/4W F
R1185	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1362	1-249-411-11	CARBON	330 5% 1/4W
R1209	1-247-807-31	CARBON	100 5% 1/4W	R1363	1-249-421-11	CARBON	2. 2K 5% 1/4W F
R1210	1-247-807-31	CARBON	100 5% 1/4W	R1364	1-249-393-11	CARBON	10 5% 1/4W F
R1211	1-247-807-31	CARBON	100 5% 1/4W	R1371	1-249-429-11	CARBON	10K 5% 1/4W (N250:AEP2, E, MX)
R1212	1-247-807-31	CARBON	100 5% 1/4W	R1515	1-247-863-91	CARBON	22K 5% 1/4W
R1213	1-247-807-31	CARBON	100 5% 1/4W	R1516	1-247-863-91	CARBON	22K 5% 1/4W
R1214	1-247-807-31	CARBON	100 5% 1/4W	R1525	1-247-863-91	CARBON	22K 5% 1/4W
R1215	1-247-807-31	CARBON	100 5% 1/4W	R1535	1-247-863-91	CARBON	22K 5% 1/4W
R1220	1-249-389-11	CARBON	4. 7 5% 1/4W F (N250:AEP, IT, G)	R1536	1-247-863-91	CARBON	22K 5% 1/4W
R1221	1-249-389-11	CARBON	4. 7 5% 1/4W F (N250:AEP, IT, G)	R1538	1-247-863-91	CARBON	22K 5% 1/4W
R1222	1-249-409-11	CARBON	220 5% 1/4W F	R1539	1-247-863-91	CARBON	22K 5% 1/4W
R1223	1-249-409-11	CARBON	220 5% 1/4W F	R1540	1-247-863-91	CARBON	22K 5% 1/4W
R1226	1-215-889-00	METAL OXIDE	330 5% 2W F (N250:CND, AEP, IT, G)	R1544	1-247-863-91	CARBON	22K 5% 1/4W
R1226	1-215-890-11	METAL OXIDE	470 5% 2W F (N250:E, MX, AR, AUS, PX)	R1545	1-247-863-91	CARBON	22K 5% 1/4W
R1226	1-215-891-11	METAL OXIDE	680 5% 2W F (D260)	R1546	1-247-863-91	CARBON	22K 5% 1/4W
R1233	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1552	1-247-863-91	CARBON	22K 5% 1/4W
R1234	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1554	1-247-863-91	CARBON	22K 5% 1/4W
R1235	1-249-435-11	CARBON	33K 5% 1/4W	R1555	1-249-417-11	CARBON	1K 5% 1/4W F
R1236	1-249-441-11	CARBON	100K 5% 1/4W	R1556	1-249-417-11	CARBON	1K 5% 1/4W F
R1237	1-249-429-11	CARBON	10K 5% 1/4W	R1557	1-249-417-11	CARBON	1K 5% 1/4W F
R1240	1-249-438-11	CARBON	56K 5% 1/4W	R1558	1-249-423-11	CARBON	3. 3K 5% 1/4W F (N250:AUS)
R1241	1-247-791-91	CARBON	22 5% 1/4W	R1558	1-249-425-11	CARBON	4. 7K 5% 1/4W F (EXCEPT N250:AUS)
R1244	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1559	1-247-863-91	CARBON	22K 5% 1/4W (N250:E, MX, AR)
R1248	1-249-385-11	CARBON	2. 2 5% 1/6W F (N250:AEP, IT, G)	R1559	1-249-429-11	CARBON	10K 5% 1/4W (N250:AEP, IT, G)
R1249	1-249-385-11	CARBON	2. 2 5% 1/6W F (N250:AEP, IT, G)	R1559	1-249-431-11	CARBON	15K 5% 1/4W (N250:AUS, PX)
R1270	1-249-389-11	CARBON	4. 7 5% 1/4W F (N250:AEP, IT, G)	R1560	1-247-863-91	CARBON	22K 5% 1/4W
R1271	1-249-389-11	CARBON	4. 7 5% 1/4W F (N250:AEP, IT, G)	R1561	1-247-863-91	CARBON	22K 5% 1/4W
R1272	1-249-409-11	CARBON	220 5% 1/4W F				
R1273	1-249-409-11	CARBON	220 5% 1/4W F				

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1562	1-247-863-91	CARBON	22K 5% 1/4W	R1858	1-249-435-11	CARBON	33K 5% 1/4W (EXCEPT N250:AUS)
R1563	1-247-863-91	CARBON	22K 5% 1/4W	R1859	1-249-423-11	CARBON	3.3K 5% 1/4W F (N250:AUS)
R1564	1-247-863-91	CARBON	22K 5% 1/4W	R1859	1-247-863-91	CARBON	22K 5% 1/4W (N250:AEP)
R1565	1-247-863-91	CARBON	22K 5% 1/4W	R1859	1-249-429-11	CARBON	10K 5% 1/4W (N250:E, G, MX, AR, PX)
R1566	1-247-863-91	CARBON	22K 5% 1/4W	R1859	1-249-431-11	CARBON	15K 5% 1/4W (N250:IT)
R1567	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1867	1-249-441-11	CARBON	100K 5% 1/4W
R1568	1-247-863-91	CARBON	22K 5% 1/4W	< COMPOSITION CIRCUIT BLOCK >			
R1574	1-249-429-11	CARBON	10K 5% 1/4W	RB1	1-239-260-11	ENCAPSULATED COMPONENT	
R1578	1-249-429-11	CARBON	10K 5% 1/4W	RB1	1-239-634-11	ENCAPSULATED COMPONENT, AM. RF	(N250:E, IT, G, MX, AR, AUS, PX)
R1579	1-249-429-11	CARBON	10K 5% 1/4W	RB1	1-239-876-11	ENCAPSULATED COMPONENT	(D260/N250:CND)
R1580	1-249-429-11	CARBON	10K 5% 1/4W	RB2	1-236-463-11	ENCAPSULATED COMPONENT	(N250:AEP)
R1581	1-249-429-11	CARBON	10K 5% 1/4W	< VARIABLE RESISTOR >			
R1592	1-249-429-11	CARBON	10K 5% 1/4W	RV1	1-238-601-11	RES, ADJ, CARBON 22K	
R1593	1-247-863-91	CARBON	22K 5% 1/4W	RV2	1-238-601-11	RES, ADJ, CARBON 22K	
R1594	1-247-863-91	CARBON	22K 5% 1/4W	RV701	1-238-600-11	RES, ADJ, CARBON 10K	
R1595	1-247-863-91	CARBON	22K 5% 1/4W	RV702	1-238-600-11	RES, ADJ, CARBON 10K	
R1596	1-247-863-91	CARBON	22K 5% 1/4W	RV703	1-238-600-11	RES, ADJ, CARBON 10K	
R1754	1-247-807-31	CARBON	100 5% 1/4W	RV704	1-238-603-11	RES, ADJ, CARBON 100K	
R1756	1-247-807-31	CARBON	100 5% 1/4W	RV801	1-238-600-11	RES, ADJ, CARBON 10K	
R1757	1-247-807-31	CARBON	100 5% 1/4W	RV802	1-238-600-11	RES, ADJ, CARBON 10K	
R1758	1-247-807-31	CARBON	100 5% 1/4W	RV803	1-238-600-11	RES, ADJ, CARBON 10K	
R1760	1-247-807-31	CARBON	100 5% 1/4W	RV804	1-238-603-11	RES, ADJ, CARBON 100K	
R1762	1-247-807-31	CARBON	100 5% 1/4W	RV901	1-238-598-11	RES, ADJ, CARBON 2.2K	
R1764	1-247-807-31	CARBON	100 5% 1/4W	RV902	1-238-598-11	RES, ADJ, CARBON 2.2K	
R1766	1-247-807-31	CARBON	100 5% 1/4W	< RELAY >			
R1767	1-247-807-31	CARBON	100 5% 1/4W	RY1201	1-515-920-11	RELAY (24V)	
R1768	1-247-807-31	CARBON	100 5% 1/4W	< TRANSFORMER >			
R1771	1-249-423-11	CARBON	3.3K 5% 1/4W F	T901	1-433-349-11	TRANSFORMER, BIAS OSCILLATION	
R1772	1-249-423-11	CARBON	3.3K 5% 1/4W F	< TERMINAL >			
R1775	1-249-429-11	CARBON	10K 5% 1/4W	TM1	1-537-238-21	TERMINAL BOARD (ANTENNA)	
R1778	1-249-421-11	CARBON	2.2K 5% 1/4W F	TM1	1-537-488-11	TERMINAL BOARD (ANTENNA) (N250:AEP, IT, G)	
R1781	1-247-807-31	CARBON	100 5% 1/4W	TM1201	1-537-801-11	TERMINAL BOARD (SPEAKER)	
R1782	1-247-807-31	CARBON	100 5% 1/4W	TM1202	1-537-240-31	TERMINAL BOARD (NCHECKER PIN) (SURROUND)	
R1783	1-247-807-31	CARBON	100 5% 1/4W				(N250:E, MX, AR, AUS, PX)
R1784	1-247-807-31	CARBON	100 5% 1/4W	< VIBRATOR >			
R1785	1-247-807-31	CARBON	100 5% 1/4W	X1851	1-579-952-21	VIBRATOR, CERAMIC (8MHz)	
R1801	1-249-437-11	CARBON	47K 5% 1/4W	X1852	1-567-098-41	VIBRATOR, CRYSTAL (32.768kHz)	
R1802	1-249-437-11	CARBON	47K 5% 1/4W				
R1803	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R1804	1-249-435-11	CARBON	33K 5% 1/4W				
R1805	1-249-409-11	CARBON	220 5% 1/4W F				
R1806	1-247-895-00	CARBON	470K 5% 1/4W				
R1807	1-249-429-11	CARBON	10K .5% 1/4W				
R1851	1-249-423-11	CARBON	3.3K 5% 1/4W F				
R1852	1-249-423-11	CARBON	3.3K 5% 1/4W F				
R1853	1-249-423-11	CARBON	3.3K 5% 1/4W F				
R1858	1-249-423-11	CARBON	3.3K 5% 1/4W F				
			(N250:AUS)				

MAIN

OPEN/UP SW

PANEL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
XT51	1-760-549-11	VIBRATOR, CRYSTAL	(4.5MHz)			C675	1-126-949-11	ELECT	220uF	20%	35V

	1-638-731-11	OPEN/UP SW BOARD	*****				CN601	1-750-420-11	CONNECTOR, FFC/FPC	15P	

		< CAPACITOR >						< DIODE >			
C705	1-162-302-11	CERAMIC	0.0022uF	30%	16V	D530	8-719-987-63	DIODE	1N4148M		
		< SWITCH >				D531	8-719-987-63	DIODE	1N4148M		
S702	1-571-300-21	SWITCH, ROTARY	(OPEN/UP)			D532	8-719-987-63	DIODE	1N4148M		
*****						D533	8-719-987-63	DIODE	1N4148M		
*	A-4371-913-A	PANEL BOARD, COMPLETE	(D260/N250:CND)	*****		D540	8-719-987-63	DIODE	1N4148M		
*	A-4371-932-A	PANEL BOARD, COMPLETE	(N250:AEP, IT, G)	*****		D541	8-719-987-63	DIODE	1N4148M		
*	A-4371-947-A	PANEL BOARD, COMPLETE	(N:E, MX, AR, AUS, PX)	*****		D542	8-719-987-63	DIODE	1N4148M		
*	4-949-935-21	CUSHION (FL)				D543	8-719-987-63	DIODE	1N4148M		
*	4-969-681-01	HOLDER, FL TUBE				D600	8-719-987-63	DIODE	1N4148M		
		< CAPACITOR >				D601	8-719-987-63	DIODE	1N4148M		
C500	1-162-306-11	CERAMIC	0.01uF	20%	16V	D605	8-719-046-46	DIODE	SEL5221S-TH8F (P-FILE)		
C501	1-162-306-11	CERAMIC	0.01uF	20%	16V	D606	8-719-046-46	DIODE	SEL5221S-TH8F (DANCE/5)		
C502	1-124-261-00	ELECT	10uF	20%	50V	D607	8-719-046-46	DIODE	SEL5221S-TH8F (CLASSIC/4)		
C503	1-124-257-00	ELECT	2.2uF	20%	50V	D608	8-719-046-46	DIODE	SEL5221S-TH8F (JAZZ/3)		
C504	1-162-303-11	CERAMIC	0.0033uF	20%	16V	D609	8-719-046-46	DIODE	SEL5221S-TH8F (POPS/2)		
C505	1-162-303-11	CERAMIC	0.0033uF	20%	16V	D610	8-719-046-46	DIODE	SEL5221S-TH8F (ROCK/1)		
C506	1-124-261-00	ELECT	10uF	20%	50V	D614	8-719-046-35	DIODE	SEL5921A-TH8F (TUNER/BAND)		
C507	1-124-257-00	ELECT	2.2uF	20%	50V	D615	8-719-046-35	DIODE	SEL5921A-TH8F (PHONO or VIDEO)		
C508	1-162-294-31	CERAMIC	0.001uF	10%	50V	D629	8-719-011-40	DIODE	UZ-2.7BSA-TA		
C509	1-162-294-31	CERAMIC	0.001uF	10%	50V	D630	8-719-011-40	DIODE	UZ-2.7BSA-TA		

		< FLUORESCENT INDICATOR >									
						FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT			

		< IC >									
						IC501	8-759-634-51	IC	M5218AP		
						IC502	8-759-634-51	IC	M5218AP		
						IC602	8-749-923-43	IC	GP1U57XB		
						IC608	8-752-862-43	IC	CXP82612-006Q		

		< COIL >									
						L671	1-410-521-11	INDUCTOR	100uH		
						L672	1-410-521-11	INDUCTOR	100uH		

		< TRANSISTOR >									
						Q603	8-729-900-63	TRANSISTOR	DTA124ES		
						Q604	8-729-900-63	TRANSISTOR	DTA124ES	(D260/N250:CND, E, MX, AR, AUS, PX)	
						Q605	8-729-900-63	TRANSISTOR	DTA124ES	(D260/N250:CND, E, MX, AR, AUS, PX)	
						Q606	8-729-900-80	TRANSISTOR	DTC114ES	(N250:E, MX, AR, AUS, PX)	
						Q607	8-729-422-57	TRANSISTOR	UN4111	(N250:E, MX, AR, AUS, PX)	

PANEL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark						
Q614	8-729-900-63	TRANSISTOR	DTA124ES			R650	1-249-419-11	CARBON	1.5K	5%	1/4W F						
			(D260/N250:CND, E, MX, AR, AUS, PX)			R651	1-247-811-31	CARBON	150	5%	1/4W						
Q615	8-729-900-63	TRANSISTOR	DTA124ES			R652	1-249-410-11	CARBON	270	5%	1/4W F						
			(D260/N250:CND, E, MX, AR, AUS, PX)			R653	1-249-408-11	CARBON	180	5%	1/4W F						
< RESISTOR >																	
R403	1-247-863-91	CARBON	22K	5%	1/4W	R654	1-249-409-11	CARBON	220	5%	1/4W F						
R404	1-247-863-91	CARBON	22K	5%	1/4W	R655	1-249-411-11	CARBON	330	5%	1/4W						
R410	1-247-863-91	CARBON	22K	5%	1/4W	R656	1-249-413-11	CARBON	470	5%	1/4W F						
R411	1-247-863-91	CARBON	22K	5%	1/4W	R657	1-249-414-11	CARBON	560	5%	1/4W F						
R412	1-247-863-91	CARBON	22K	5%	1/4W	R658	1-249-416-11	CARBON	820	5%	1/4W F						
R413	1-247-863-91	CARBON	22K	5%	1/4W	R663	1-247-903-00	CARBON	1M	5%	1/4W						
R473	1-247-863-91	CARBON	22K	5%	1/4W	R664	1-247-807-31	CARBON	100	5%	1/4W						
R474	1-247-863-91	CARBON	22K	5%	1/4W	R665	1-247-807-31	CARBON	100	5%	1/4W						
R478	1-247-863-91	CARBON	22K	5%	1/4W	R666	1-247-807-31	CARBON	100	5%	1/4W						
R479	1-247-863-91	CARBON	22K	5%	1/4W	R667	1-247-807-31	CARBON	100	5%	1/4W						
R500	1-249-435-11	CARBON	33K	5%	1/4W	R668	1-247-807-31	CARBON	100	5%	1/4W						
R501	1-249-441-11	CARBON	100K	5%	1/4W	R669	1-247-807-31	CARBON	100	5%	1/4W						
R502	1-247-895-00	CARBON	470K	5%	1/4W	R670	1-247-807-31	CARBON	100	5%	1/4W						
R504	1-249-435-11	CARBON	33K	5%	1/4W	R673	1-249-411-11	CARBON	330	5%	1/4W						
R505	1-249-441-11	CARBON	100K	5%	1/4W	R674	1-249-411-11	CARBON	330	5%	1/4W						
R506	1-247-895-00	CARBON	470K	5%	1/4W	R675	1-249-411-11	CARBON	330	5%	1/4W						
R508	1-249-435-11	CARBON	33K	5%	1/4W	R676	1-249-411-11	CARBON	330	5%	1/4W						
R509	1-249-441-11	CARBON	100K	5%	1/4W	R677	1-249-411-11	CARBON	330	5%	1/4W						
R510	1-247-895-00	CARBON	470K	5%	1/4W	R678	1-249-411-11	CARBON	330	5%	1/4W						
R512	1-249-435-11	CARBON	33K	5%	1/4W	R680	1-249-411-11	CARBON	330	5%	1/4W						
R513	1-249-441-11	CARBON	100K	5%	1/4W	R681	1-249-411-11	CARBON	330	5%	1/4W						
R514	1-247-895-00	CARBON	470K	5%	1/4W	R687	1-247-807-31	CARBON	100	5%	1/4W						
R516	1-249-437-11	CARBON	47K	5%	1/4W	R688	1-247-807-31	CARBON	100	5%	1/4W						
R517	1-249-437-11	CARBON	47K	5%	1/4W	R689	1-249-421-11	CARBON	2.2K	5%	1/4W F						
R518	1-249-437-11	CARBON	47K	5%	1/4W	R692	1-247-807-31	CARBON	100	5%	1/4W						
R519	1-249-437-11	CARBON	47K	5%	1/4W	R693	1-249-429-11	CARBON	10K	5%	1/4W						
R609	1-247-863-91	CARBON	22K	5%	1/4W	R699	1-247-863-91	CARBON	22K	5%	1/4W						
R610	1-247-863-91	CARBON	22K	5%	1/4W	< VARIABLE RESISTOR >											
R611	1-249-419-11	CARBON	1.5K	5%	1/4W F	RV601	1-467-869-11	ENCODER, ROTARY (VOLUME)									
R612	1-247-811-31	CARBON	150	5%	1/4W	< SWITCH >											
R613	1-249-410-11	CARBON	270	5%	1/4W F	S603	1-554-303-21	SWITCH, TACTILE (▲)									
R614	1-249-408-11	CARBON	180	5%	1/4W F	S604	1-554-303-21	SWITCH, TACTILE (▼)									
R615	1-249-409-11	CARBON	220	5%	1/4W F	S605	1-554-303-21	SWITCH, TACTILE (DBFB)									
R616	1-249-411-11	CARBON	330	5%	1/4W	S606	1-554-303-21	SWITCH, TACTILE (SURROUND)									
R624	1-249-419-11	CARBON	1.5K	5%	1/4W F	S607	1-554-303-21	SWITCH, TACTILE (PHONO or VIDEO)									
R625	1-247-811-31	CARBON	150	5%	1/4W	S616	1-554-303-21	SWITCH, TACTILE (◀)									
R626	1-249-410-11	CARBON	270	5%	1/4W F	S617	1-554-303-21	SWITCH, TACTILE (▶)									
R627	1-249-408-11	CARBON	180	5%	1/4W F	S618	1-554-303-21	SWITCH, TACTILE (TUNER/BAND)									
R628	1-249-409-11	CARBON	220	5%	1/4W F	S619	1-554-303-21	SWITCH, TACTILE (TUNING -)									
R629	1-249-411-11	CARBON	330	5%	1/4W	S620	1-554-303-21	SWITCH, TACTILE (TUNING +)									
R630	1-249-413-11	CARBON	470	5%	1/4W F	S621	1-554-303-21	SWITCH, TACTILE (TUNING MODE)									
R631	1-249-414-11	CARBON	560	5%	1/4W F	S622	1-554-303-21	SWITCH, TACTILE (TUNING MEMORY)									
R632	1-249-416-11	CARBON	820	5%	1/4W F	S623	1-554-303-21	SWITCH, TACTILE (DISPLAY)									
R637	1-249-419-11	CARBON	1.5K	5%	1/4W F	S644	1-554-303-21	SWITCH, TACTILE (ROCK/1)									
R638	1-247-811-31	CARBON	150	5%	1/4W												

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark	
S645	1-554-303-21	SWITCH, TACTILE (POPS/2)				CN1204	1-764-331-11	PIN, CONNECTOR (PCB) (V TYPE) 8P				
S646	1-554-303-21	SWITCH, TACTILE (JAZZ/3)						< DIODE >				
S647	1-554-303-21	SWITCH, TACTILE (CLASSIC/4)				D1201	8-719-987-63	DIODE	1N4148M			
S648	1-554-303-21	SWITCH, TACTILE (DANCE/5)				D1202	8-719-987-63	DIODE	1N4148M			
S649	1-554-303-21	SWITCH, TACTILE (EQ MEMORY)				D1203	8-719-987-63	DIODE	1N4148M (D260)			
S650	1-554-303-21	SWITCH, TACTILE (P-FILE)				D1251	8-719-987-63	DIODE	1N4148M			
		< VIBRATOR >						< IC >				
X601	1-567-819-11	VIBRATOR, CERAMIC (4MHz)				IC1201	8-749-900-24	IC	STK-4162MK2 (D260)			

*	A-4377-808-A	POWER AMP BOARD, COMPLETE (D260)				IC1201	8-749-920-09	IC	STK-4152MK2K (N250:E, MX, AR, AUS, PX)			
		*****				IC1201	8-749-920-13	IC	STK-4132MK2 (N250:CND, AEP, IT, G)			
*	A-4371-959-A	POWER AMP BOARD, COMPLETE						< TRANSISTOR >				
		*****				Q1201	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
		(N250:E, MX, AR, AUS, PX)				Q1251	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
*	A-4371-977-A	POWER AMP BOARD, COMPLETE						< RESISTOR >				
		*****				R1201	1-249-417-11	CARBON	1K	5%	1/4W	F
		(N250:CND, AEP, IT, G)				R1202	1-249-438-11	CARBON	56K	5%	1/4W	
		< CAPACITOR >				R1203	1-249-414-11	CARBON	560	5%	1/4W	F
C1201	1-124-927-11	ELECT	4.7uF	20%	100V	R1204	1-249-438-11	CARBON	56K	5%	1/4W	
C1202	1-164-075-11	CERAMIC	150PF	10%	50V	R1205	1-249-425-11	CARBON	4.7K	5%	1/4W	F
C1203	1-164-077-11	CERAMIC	220PF	10%	50V	R1206	1-249-425-11	CARBON	4.7K	5%	1/4W	F
C1204	1-124-126-00	ELECT	47uF	20%	10V	R1207	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						R1208	1-249-425-11	CARBON	4.7K	5%	1/4W	F
C1204	1-124-907-11	ELECT	10uF	20%	50V	R1209	1-212-881-11	FUSIBLE	100	5%	1/4W	F
						R1210	1-208-602-11	WIREWOUND	0.22	10%	2W	F
		(N250:E, MX, AR, AUS, PX)				R1211	1-249-417-11	CARBON	1K	5%	1/4W	F
C1205	1-124-910-11	ELECT	47uF	20%	50V	R1212	1-249-431-11	CARBON	15K	5%	1/4W	
C1206	1-124-122-11	ELECT	100uF	20%	50V	R1213	1-249-441-11	CARBON	100K	5%	1/4W	
C1208	1-124-916-11	ELECT	22uF	20%	63V	R1214	1-249-421-11	CARBON	2.2K	5%	1/4W	F
C1210	1-137-375-11	FILM	0.068uF	5%	50V	R1215	1-249-421-11	CARBON	2.2K	5%	1/4W	F
C1211	1-137-375-11	FILM	0.068uF	5%	50V	R1216	1-249-421-11	CARBON	2.2K	5%	1/4W	F
C1220	1-126-176-11	ELECT	220uF	20%	10V (D260)	R1217	1-249-421-11	CARBON	2.2K	5%	1/4W	F
C1220	1-124-443-00	ELECT	100uF	20%	10V (N250)	R1218	1-247-791-91	CARBON	22	5%	1/4W	
C1251	1-124-927-11	ELECT	4.7uF	20%	100V	R1219	1-247-791-91	CARBON	22	5%	1/4W	
C1252	1-164-075-11	CERAMIC	150PF	10%	50V	R1226	1-249-429-11	CARBON	10K	5%	1/4W	(N250)
C1253	1-164-077-11	CERAMIC	220PF	10%	50V	R1227	1-247-863-91	CARBON	22K	5%	1/4W	(N250)
C1254	1-124-126-00	ELECT	47uF	20%	10V	R1227	1-249-429-11	CARBON	10K	5%	1/4W	(D260)
						R1228	1-247-880-11	CARBON	110K	5%	1/4W	
C1254	1-124-907-11	ELECT	10uF	20%	50V						(N250:E, MX, AR, AUS, PX)	
						R1228	1-249-441-11	CARBON	100K	5%	1/4W	
C1255	1-124-910-11	ELECT	47uF	20%	50V						(D260/N250:CND, AEP, IT, G)	
C1256	1-124-122-11	ELECT	100uF	20%	50V	R1230	1-249-429-11	CARBON	10K	5%	1/4W	
C1260	1-137-375-11	FILM	0.068uF	5%	50V	R1243	1-249-383-11	CARBON	1.5	5%	1/6W	F
C1261	1-137-375-11	FILM	0.068uF	5%	50V	R1251	1-249-417-11	CARBON	1K	5%	1/4W	F
		< CONNECTOR >				R1252	1-249-438-11	CARBON	56K	5%	1/4W	
CN1203	1-764-340-11	PIN, CONNECTOR (PCB) (L TYPE) 3P				R1253	1-249-414-11	CARBON	560	5%	1/4W	F
						R1254	1-249-438-11	CARBON	56K	5%	1/4W	

POWER AMP **POWER (A)** **POWER (B)**
STANDBY SW **SW** **TABLE MOTOR**

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Replace only with part number specified.

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TABLE MOTOR TAPE FUNCTION

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< CONNECTOR >					
* CN707	1-573-044-11	SOCKET, CONNECTOR 5P		△F1903	1-576-107-11	FUSE TIME LAG (3.15A 125V) (D260/N250:CND)	
		< DIODE >		HP901	1-543-319-11	HEAD, MAGNETIC (PB)(DECK A)	
D701	8-719-970-19	DIODE GP-1A521		HE901	1-543-673-11	HEAD, MAGNETIC (ERASE)(DECK B)	
		< MOTOR >		HRP901	1-543-319-11	HEAD, MAGNETIC (REC/PB)(DECK B)	
M701	A-4353-976-A	MOTOR ASSY (TABLE)		M701	A-4353-976-A	MOTOR ASSY, ROTARY	
		< RESISTOR >		M702	A-4353-974-A	MOTOR ASSY, LOADING	
R701	1-249-416-11	CARBON	820 5% 1/4W F	M901	X-3362-377-1	MOTOR (WH) ASSY (REEL/CAPSTAN)	

*	1-654-629-11	TAPE FUNCTION BOARD	*****	S1	1-571-736-11	SWITCH, LEAF (MOTOR B)	
		< DIODE >		S2	1-571-736-11	SWITCH, LEAF (PLAY B)	
D603	8-719-046-35	DIODE SEL5921A-TH8F (TAPE)		S3	1-571-736-11	SWITCH, LEAF (REC B)	
		< SWITCH >		S4	1-571-736-11	SWITCH, LEAF (MOTOR A)	
S629	1-554-303-21	SWITCH, TACTILE (TAPE)		S5	1-571-736-11	SWITCH, LEAF (PLAY A)	
*****				S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	
				S101	1-572-085-11	SWITCH, LEAF	
				△S1911	1-570-046-21	SWITCH, VOLTAGE CHANGE (VOLTAGE SELECTOR) (N250:E, PX, AR)	

				△T901	1-427-687-11	TRANSFORMER, POWER (N250:AEP, IT, G)	
				△T901	1-427-688-11	TRANSFORMER, POWER (N250:E, MX, AR, AUS, PX)	
				△T901	1-427-689-11	TRANSFORMER, POWER (N250:CND)	
				△T901	1-427-921-11	TRANSFORMER, POWER (D260)	

						ACCESSORIES & PACKING MATERIALS	

		MISCELLANEOUS					

△7	1-569-007-11	ADAPTER, CONVERSION 2P (N250:PX)				1-467-988-11	COMMANDER, STANDARD (RM-S200L)
11	1-765-333-11	WIRE (FLAT TYPE)(15 CORE)				(D260/N250:CND, AEP, E, IT, G, MX, AR, AUS, PX)	
* 107	1-452-538-11	MAGNET				1-501-374-11	ANTENNA, LOOP (N250:AEP, IT, G)
158	1-769-303-11	WIRE (FLAT TYPE)(29 CORE)				1-501-594-31	ANTENNA (FM) (N250:AEP, IT)
167	1-654-751-11	PC BOARD, FLEXIBLE		*		2-114-902-01	BAG, POLYETHYLENE, CONDUCTIVE
169	1-590-849-11	WIRE, FLAT TYPE (5 CORE)				3-376-136-01	CUSHION (HALF)
△201	8-848-387-01	OPTICAL PICK-UP BLOCK (KSS-213BA/S-N)				3-798-005-41	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (N250:AEP)
202	1-769-069-11	WIRE (FLAT TYPE)(16 CORE)				3-798-005-51	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (N250:AEP, IT, G)
* CN415	1-568-942-11	PIN, CONNECTOR 4P				4-937-945-01	PLATE (TRANSPORT), LOCK
* CN416	1-568-943-11	PIN, CONNECTOR 5P				4-941-762-01	COVER, BATTERY (for RM-S200L)
△CNP19011-558-943-41	CORD, POWER (N250:E, MX, PX)					(D260/N250:CND, AEP, E, IT, G, MX, AR, AUS, PX)	
△CNP19011-575-651-21	CORD, POWER (N250:AEP, IT, G, AR)			*		4-971-017-01	INDIVIDUAL CARTON (N250:AEP, IT, G)
△CNP19011-590-926-11	CORD, POWER (D260/N250:CND)			*		4-971-022-01	CUSHION (EXCEPT CND)
△CNP19011-696-845-11	CORD, POWER (N250:AUS)			*		4-973-139-01	CUSHION
D701	8-719-970-19	DIODE GP-1A521					
FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT					
△F1901	1-532-350-00	FUSE TIME LAG (T4A 250V) (N250:AEP, E, IT, G, MX, AR, AUS, PX)					
△F1901	1-576-108-11	FUSE (4A 125V) (D260/N250:CND)					
△F1902	1-532-350-00	FUSE TIME LAG (T4A 250V) (N250:AEP, E, IT, G, MX, AR, AUS, PX)					
△F1902	1-576-108-11	FUSE TIME LAG (4A 125V) (D260/N250:CND)					

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<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
#5	7-682-554-04	SCREW +B 3X25	
#6	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#7	7-682-961-01	SCREW +PSW 4X8	
#8	7-685-136-19	SCREW +P 2.6X12 TYPE2 NON-SLIT	
#9	7-621-255-15	SCREW +P 2X3	
#10	7-685-103-19	SCREW +P 2X5 TYPE2 NON-SLIT	
#11	7-685-133-19	SCREW +P 2.6X6 TYPE2	
#12	7-623-921-01	RING, RETAINING, CAPSTAN	
#13	7-688-001-01	W 2, SMALL	
#14	7-621-775-20	SCREW +B 2.6X5	
#15	7-621-849-00	SCREW, TAPPING	
#16	7-685-534-19	+BVTP 2.6X8	

Sony Corporation
Consumer A&V Products Company
Home A&V Products Div.

9-959-932-11